

DSpace is Live

Welcome to our digital repository of My University research!

More exciting news to appear here.

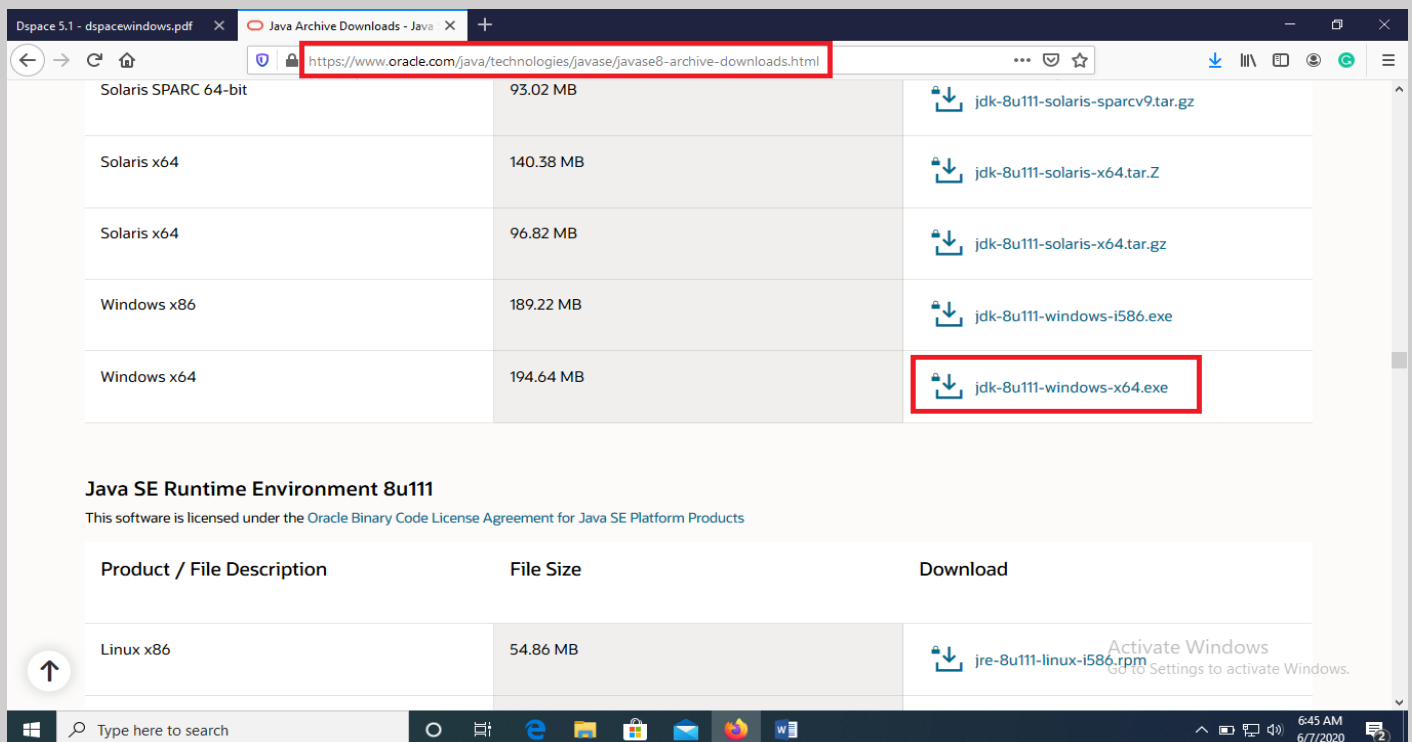
Install Dspace on Windows 10

Pre-requisite Software:

- i) Java JDK
- ii) Apache Maven
- iii) Apache Ant
- iv) Apache Tomcat
- v) PostgreSQL
- vi) Dspace

Step-1: Download **Java jdk-8u111-windows-x64.exe** from below link. (Note: If you are new to Oracle, you need to create user account otherwise you can log in to download the software).

(<https://www.oracle.com/java/technologies/javase/javase8-archive-downloads.html>)



Product / File Description	File Size	Download
Solaris SPARC 64-bit	93.02 MB	jdk-8u111-solaris-sparcv9.tar.gz
Solaris x64	140.38 MB	jdk-8u111-solaris-x64.tar.Z
Solaris x64	96.82 MB	jdk-8u111-solaris-x64.tar.gz
Windows x86	189.22 MB	jdk-8u111-windows-i586.exe
Windows x64	194.64 MB	jdk-8u111-windows-x64.exe

Java SE Runtime Environment 8u111
This software is licensed under the [Oracle Binary Code License Agreement for Java SE Platform Products](#)

Product / File Description	File Size	Download
Linux x86	54.86 MB	jre-8u111-linux-i586.rpm
Windows x64		jre-8u111-windows-x64.exe

Step-2: Download **apache-maven-3.3.9-bin.zip** file from below link.

(<https://repo.maven.apache.org/maven2/org/apache/maven/apache-maven/3.3.9/>)

The screenshot shows a web browser window with the address bar containing the URL <https://repo.maven.apache.org/maven2/org/apache/maven/apache-maven/3.3.9/>. The page title is "org/apache/maven/apache-maven/3.3.9". The main content is a list of files for this version, including source code, binaries, and checksums. The file **apache-maven-3.3.9-bin.zip** is highlighted with a red box. The Windows taskbar at the bottom shows the search bar and various application icons.

File Name	Date	Time	Size
apache-maven-3.3.9-bin.tar.gz	2015-11-10	16:44	8491533
apache-maven-3.3.9-bin.tar.gz.asc	2015-11-10	16:44	181
apache-maven-3.3.9-bin.tar.gz.md5	2015-11-10	16:44	32
apache-maven-3.3.9-bin.tar.gz.sha1	2015-11-10	16:44	40
apache-maven-3.3.9-bin.zip	2015-11-10	16:44	8617253
apache-maven-3.3.9-bin.zip.asc	2015-11-10	16:44	181
apache-maven-3.3.9-bin.zip.md5	2015-11-10	16:44	32
apache-maven-3.3.9-bin.zip.sha1	2015-11-10	16:44	40
apache-maven-3.3.9-site.xml	2015-11-10	16:44	1113
apache-maven-3.3.9-site.xml.asc	2015-11-10	16:44	181
apache-maven-3.3.9-site.xml.md5	2015-11-10	16:44	32
apache-maven-3.3.9-site.xml.sha1	2015-11-10	16:44	40
apache-maven-3.3.9-src.tar.gz	2015-11-10	16:44	3845425
apache-maven-3.3.9-src.tar.gz.asc	2015-11-10	16:44	181
apache-maven-3.3.9-src.tar.gz.md5	2015-11-10	16:44	32
apache-maven-3.3.9-src.tar.gz.sha1	2015-11-10	16:44	40
apache-maven-3.3.9-src.zip	2015-11-10	16:44	5639818
apache-maven-3.3.9-src.zip.asc	2015-11-10	16:44	181
apache-maven-3.3.9-src.zip.md5	2015-11-10	16:44	32
apache-maven-3.3.9-src.zip.sha1	2015-11-10	16:44	40
apache-maven-3.3.9.pom	2015-11-10	16:44	6591
apache-maven-3.3.9.pom.asc	2015-11-10	16:44	181
apache-maven-3.3.9.pom.md5	2015-11-10	16:44	32
apache-maven-3.3.9.pom.sha1	2015-11-10	16:44	40

Step-3: Download **apache-ant-1.9.7-bin.zip** file from below link.

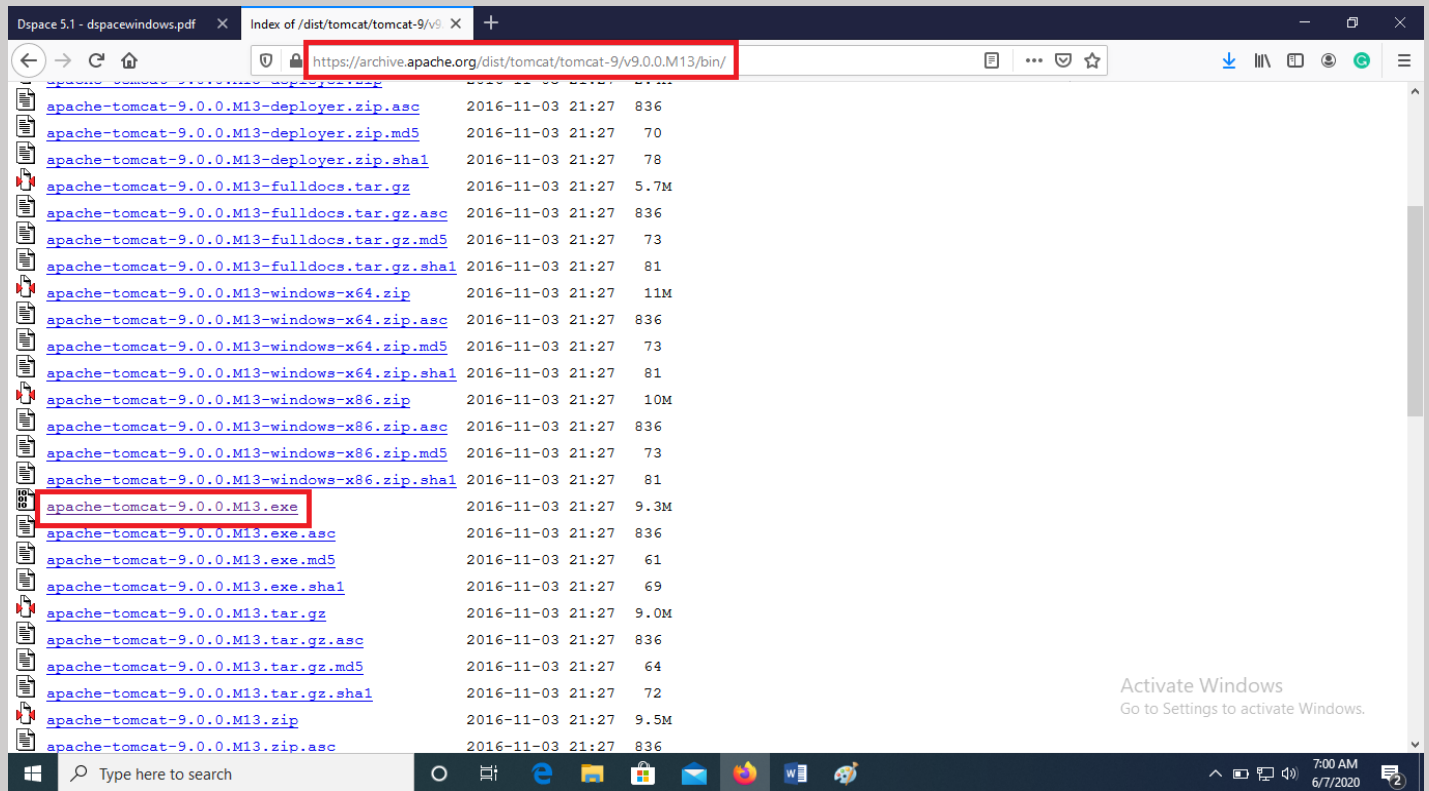
(<https://archive.apache.org/dist/ant/binaries/>)

The screenshot shows a web browser window with the address bar containing the URL <https://archive.apache.org/dist/ant/binaries/>. The page title is "Index of /dist/ant/binaries". The main content is a list of files for different versions of Apache Ant. The file **apache-ant-1.9.7-bin.zip** is highlighted with a red box. The Windows taskbar at the bottom shows the search bar and various application icons.

File Name	Date	Time	Size
apache-ant-1.9.7-bin.tar.bz2.md5	2016-04-12	11:15	33
apache-ant-1.9.7-bin.tar.bz2.sha1	2016-04-12	11:15	41
apache-ant-1.9.7-bin.tar.bz2.sha512	2016-04-12	11:15	129
apache-ant-1.9.7-bin.tar.gz	2016-04-12	11:15	5.3M
apache-ant-1.9.7-bin.tar.gz.asc	2016-04-12	11:15	181
apache-ant-1.9.7-bin.tar.gz.md5	2016-04-12	11:15	33
apache-ant-1.9.7-bin.tar.gz.sha1	2016-04-12	11:15	41
apache-ant-1.9.7-bin.tar.gz.sha512	2016-04-12	11:15	129
apache-ant-1.9.7-bin.zip	2016-04-12	11:15	7.9M
apache-ant-1.9.7-bin.zip.asc	2016-04-12	11:15	181
apache-ant-1.9.7-bin.zip.md5	2016-04-12	11:15	33
apache-ant-1.9.7-bin.zip.sha1	2016-04-12	11:15	41
apache-ant-1.9.7-bin.zip.sha512	2016-04-12	11:15	129
apache-ant-1.9.8-bin.tar.bz2	2016-12-31	09:38	4.2M
apache-ant-1.9.8-bin.tar.bz2.asc	2016-12-31	09:38	181
apache-ant-1.9.8-bin.tar.bz2.md5	2016-12-31	09:38	33
apache-ant-1.9.8-bin.tar.bz2.sha1	2016-12-31	09:38	41
apache-ant-1.9.8-bin.tar.bz2.sha512	2016-12-31	09:38	129
apache-ant-1.9.8-bin.tar.gz	2016-12-31	09:38	5.4M
apache-ant-1.9.8-bin.tar.gz.asc	2016-12-31	09:38	181
apache-ant-1.9.8-bin.tar.gz.md5	2016-12-31	09:38	33
apache-ant-1.9.8-bin.tar.gz.sha1	2016-12-31	09:38	41
apache-ant-1.9.8-bin.tar.gz.sha512	2016-12-31	09:38	129
apache-ant-1.9.8-bin.zip	2016-12-31	09:38	8.0M
apache-ant-1.9.8-bin.zip.asc	2016-12-31	09:38	181
apache-ant-1.9.8-bin.zip.md5	2016-12-31	09:38	33

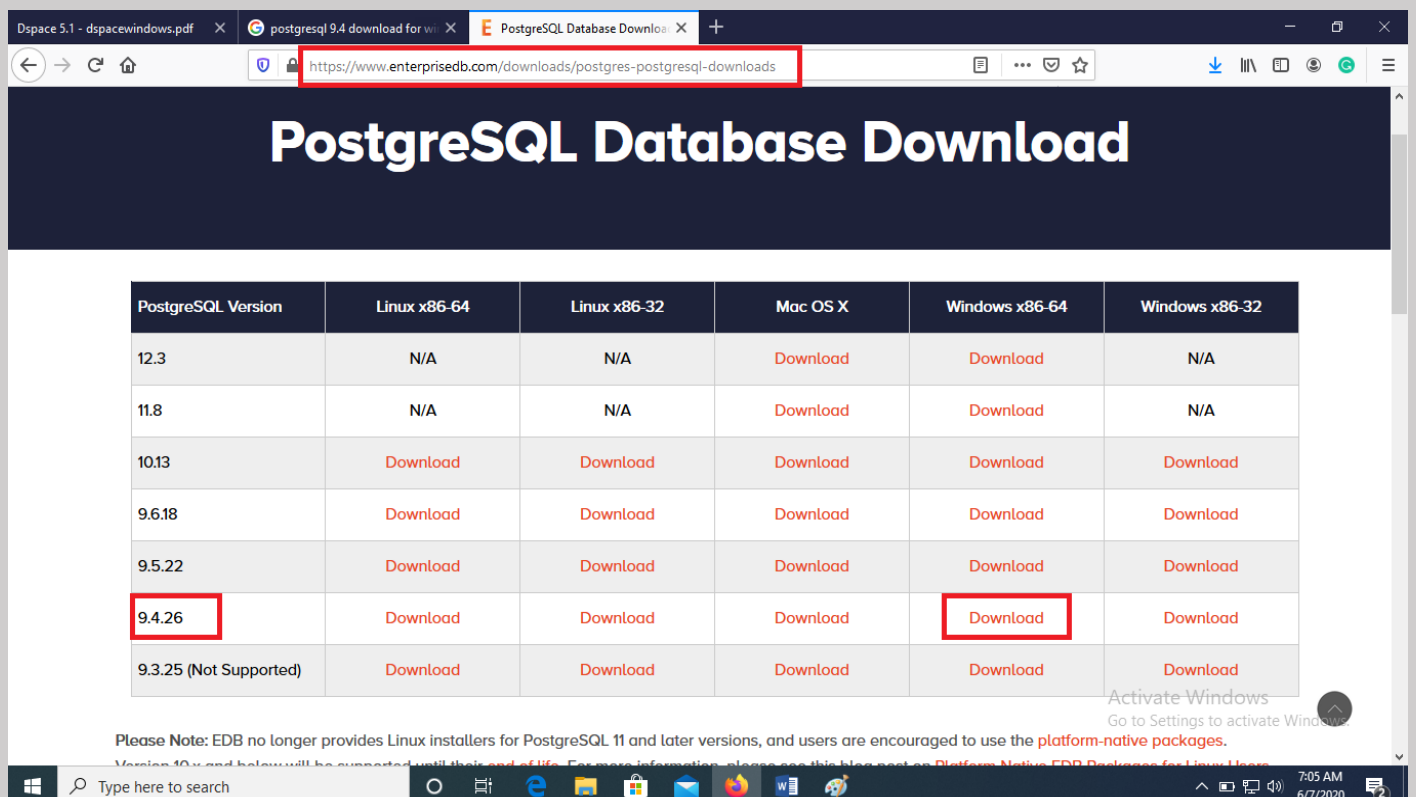
Step-4: Download **apache-tomcat-9.0.0.M13.exe** file from below link.

(<https://archive.apache.org/dist/tomcat/tomcat-9/v9.0.0.M13/bin/>)



Step-5: Download **postgresql-9.4.26-1-windows-x64.exe** file from below link.

(<https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>)



Step-6: Download **dspace-6.3-src-release.zip** file from below link.

(<https://wiki.lyrasis.org/display/DSDOC6x/>)

DSpace 6.x Documentation

Current Release

This documentation covers the latest release of DSpace, version 6.x. Looking for another version? See all documentation.

Dashboard

DSpace 6.x Documentation

Created by Tim Donohue, last modified on Jun 27, 2018

Table of Contents:

- Introduction
 - Release Notes
 - Functional Overview
- Installing DSpace
- Upgrading DSpace
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 - Authentication and Authorization
 - Exporting Content and Metadata
 - Ingesting Content and Metadata
 - Items and Metadata
 - Managing Community Hierarchy
 - Statistics and Metrics
 - User Interfaces
- System Administration
 - AIP Backup and Restore
 - Ant targets and options

DSpace Release Downloads

DSpace 6.3 Release:

- Binary Release (No Java source code included) : Download (as zip)
- **Full Source Release : Download (as zip)**
- PDF copy of Manual: Download (as pdf)

Past releases are available from DSpace's GitHub.

Developers may also checkout DSpace source code from our Github repository. (Note: each stable release is a tagged release in GitHub)

Recent Documentation Updates

Recently Updated

Activate Windows

Go to Settings to activate Windows.

REST API

Jun 02, 2020 • updated by Hrafn Malmquist • view change

Step-7: Now we have downloaded all pre-requisite software.

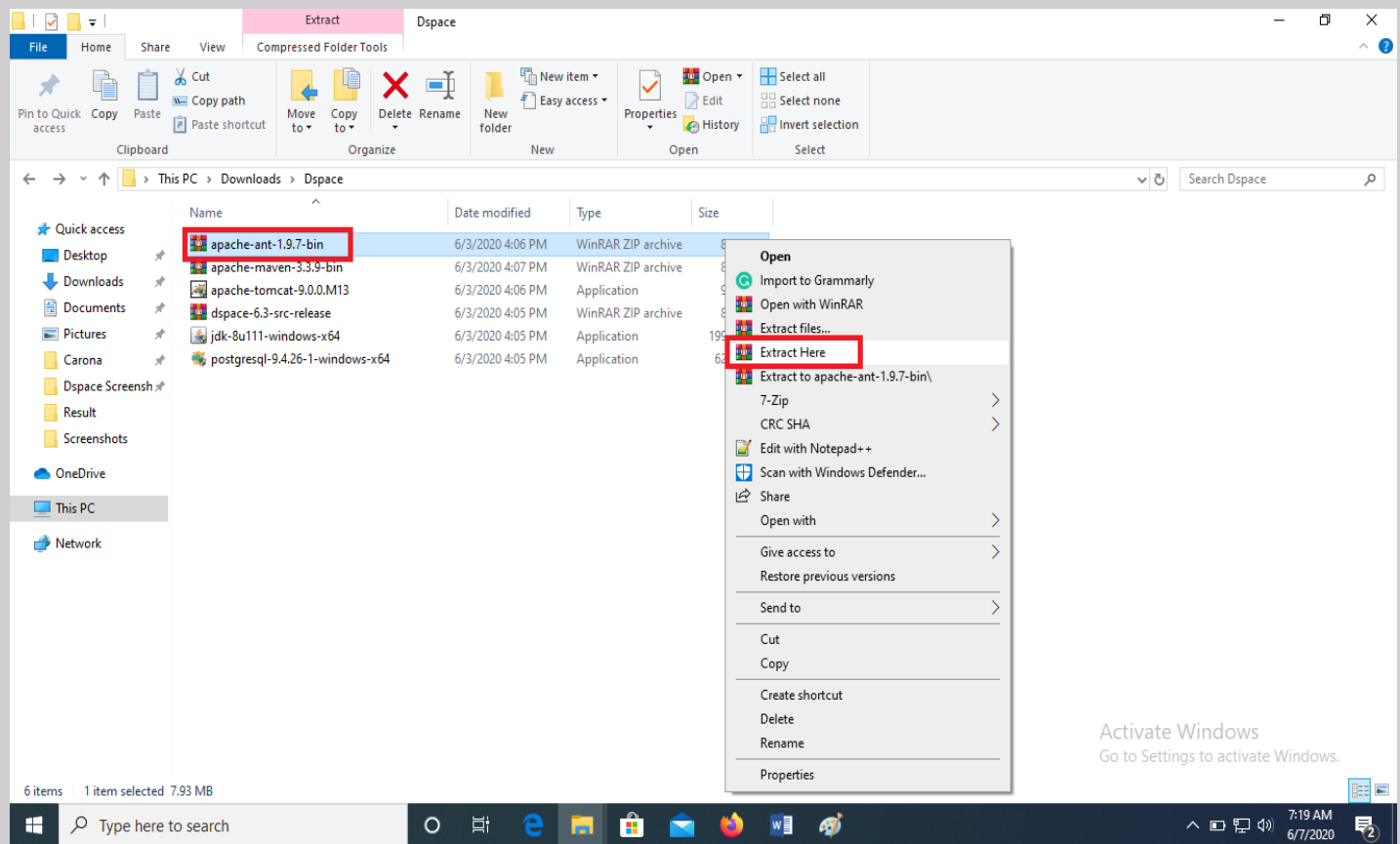
File Explorer window showing the contents of the 'Dspace' folder in the 'Downloads' directory.

Name	Date modified	Type	Size
apache-ant-1.9.7-bin	6/3/2020 4:06 PM	WinRAR ZIP archive	8,123 KB
apache-maven-3.3.9-bin	6/3/2020 4:07 PM	WinRAR ZIP archive	8,416 KB
apache-tomcat-9.0.0.M13	6/3/2020 4:06 PM	Application	9,537 KB
dspace-6.3-src-release	6/3/2020 4:05 PM	WinRAR ZIP archive	8,214 KB
jdk-8u111-windows-x64	6/3/2020 4:05 PM	Application	199,308 KB
postgresql-9.4.26-1-windows-x64	6/3/2020 4:05 PM	Application	62,720 KB

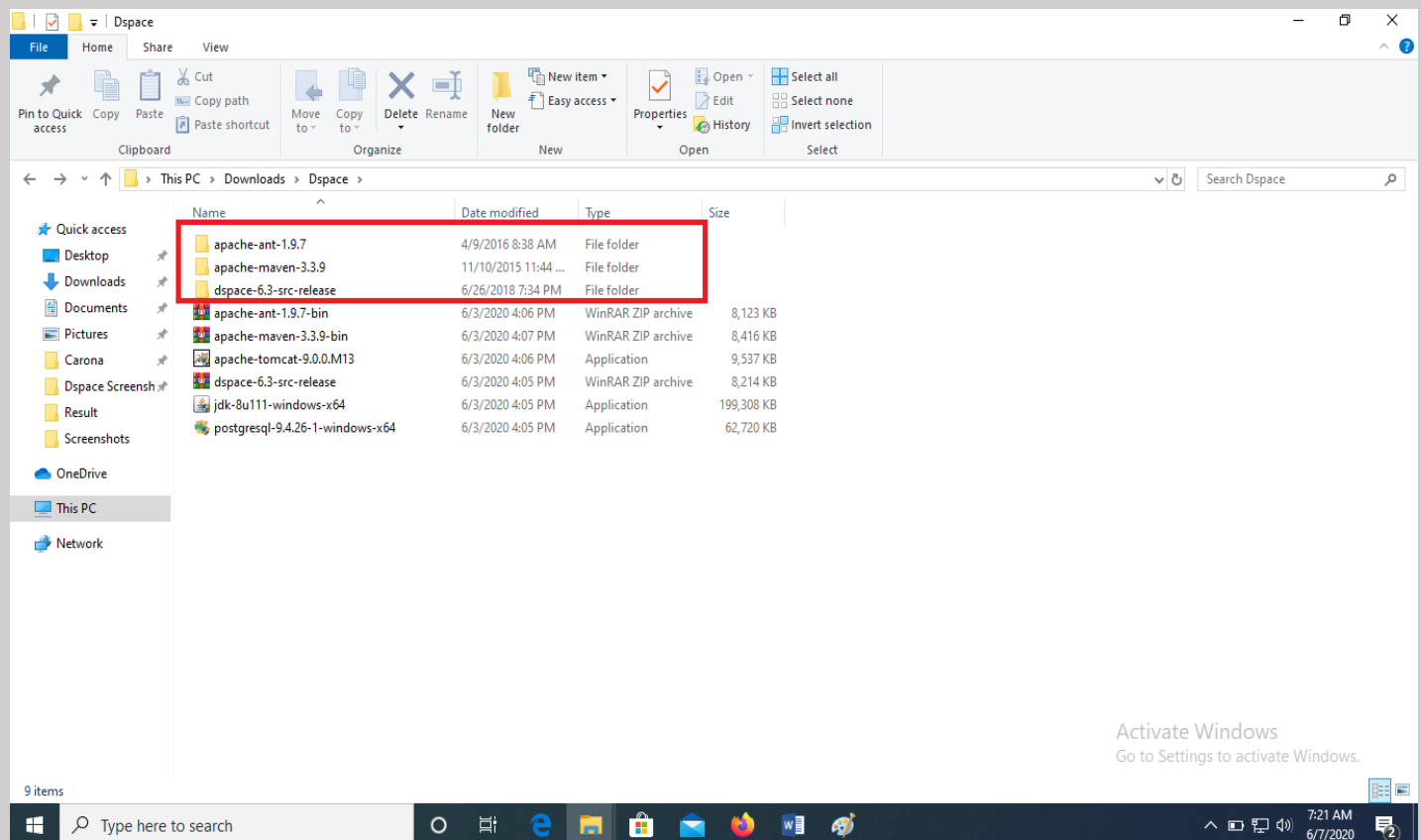
Activate Windows

Go to Settings to activate Windows.

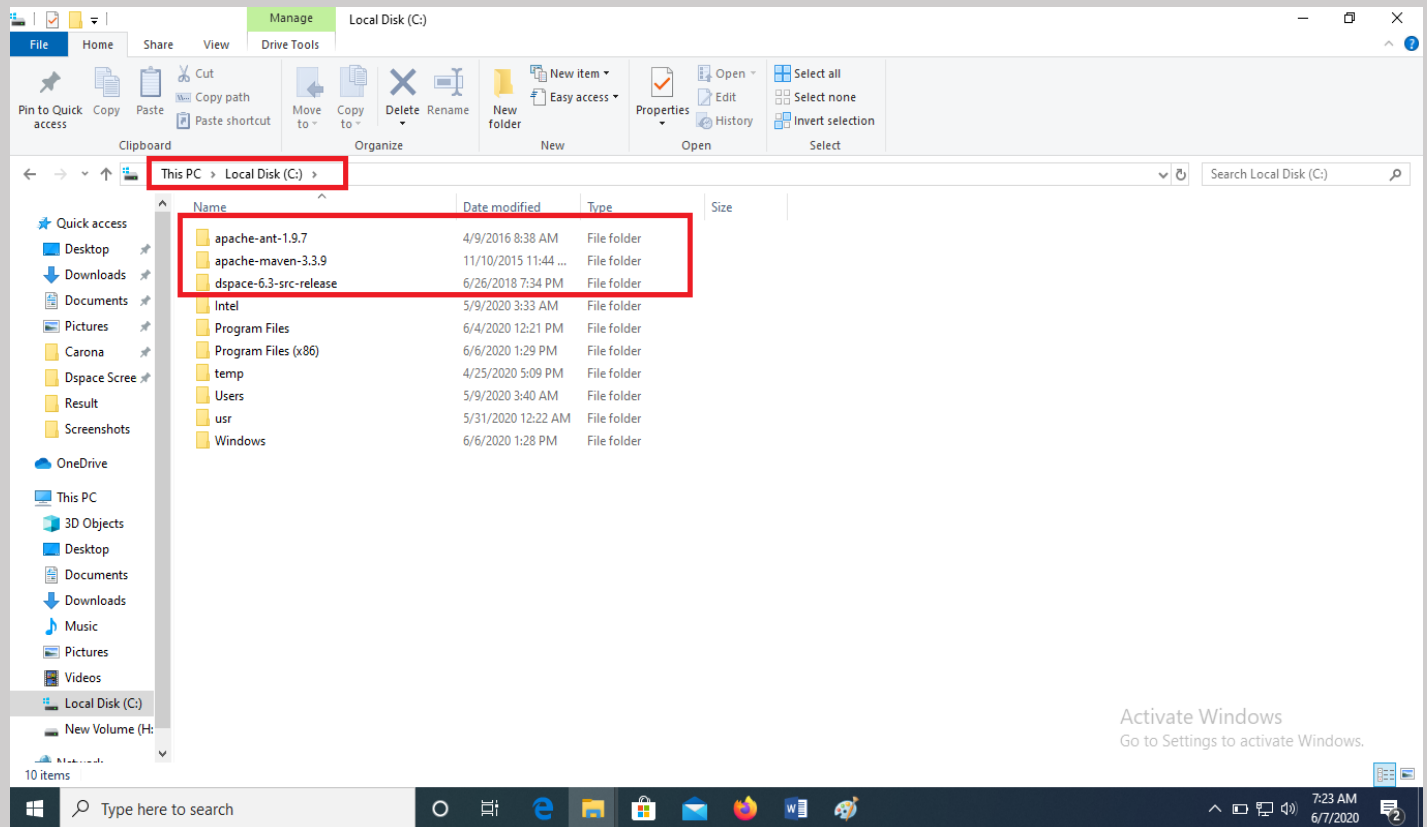
Step-8: Now extract all the zipped files by right click on the file and then click extract here.



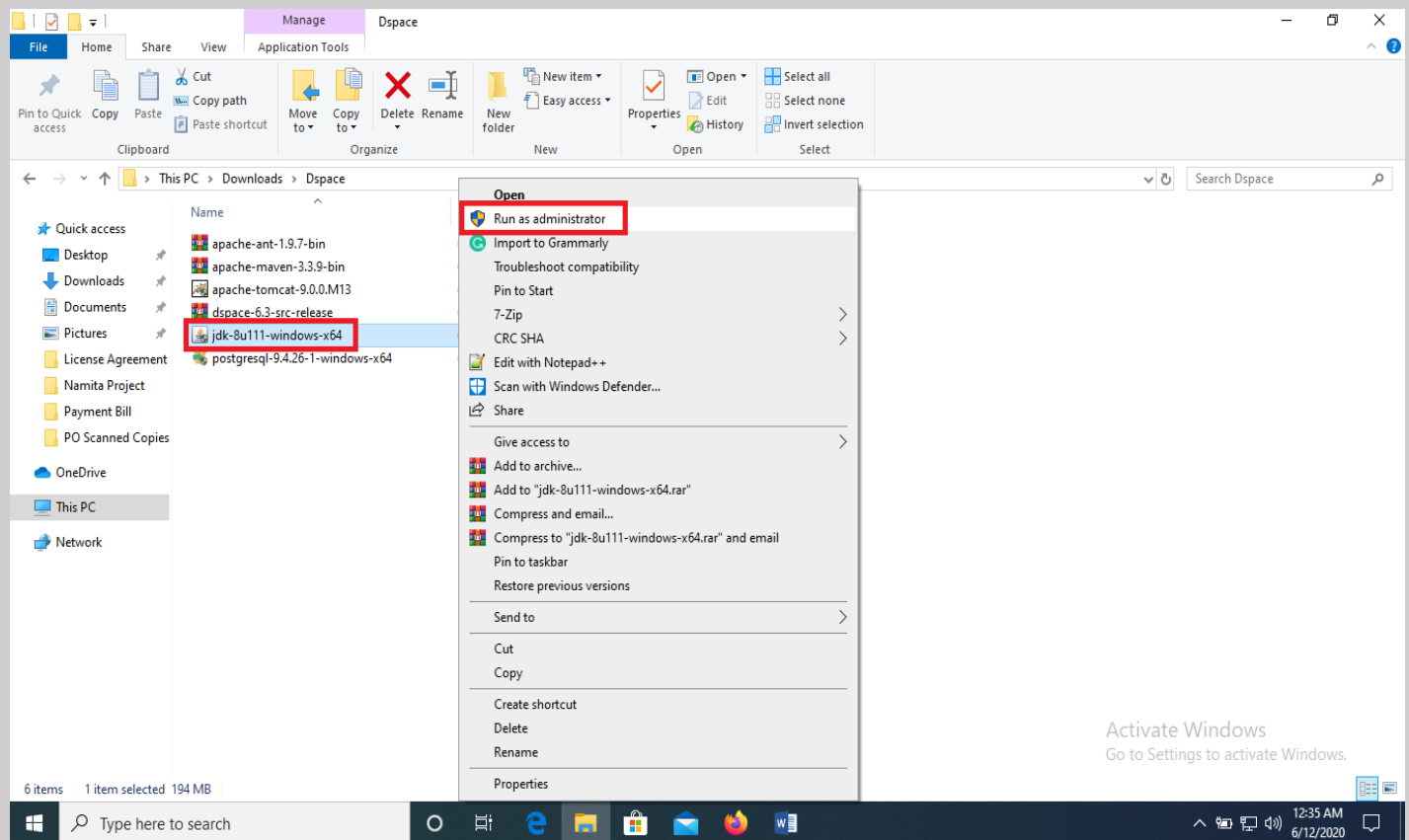
Step-9: Now all the zipped files have been extracted.



Step-10: Move the extracted files to your C:\ drive.



Step-11: Now install Java jdk-8u111-windows-x64.exe by right click on the file and then click on run as administrator and then click yes if prompted.





Welcome to the Installation Wizard for Java SE Development Kit 8 Update 111

This wizard will guide you through the installation process for the Java SE Development Kit 8 Update 111.

The Java Mission Control profiling and diagnostics tools suite is now available as part of the JDK.

Next >

Cancel



Select optional features to install from the list below. You can change your choice of features after installation by using the Add/Remove Programs utility in the Control Panel

- ☒ Development Tools
- ☐ Source Code
- ☐ Public JRE

Feature Description

Java SE Development Kit 8 Update 111 (64-bit), including the JavaFX SDK, a private JRE, and the Java Mission Control tools suite. This will require 180MB on your hard drive.

Install to:

C:\Program Files\Java\jdk1.8.0_111\

Change...

< Back

Next >

Cancel

Java SE Development Kit 8 Update 111 (64-bit) - Progress



Status: Updating component registration



Java Setup - Destination Folder



Destination Folder

Click "Change" to install Java to a different folder.

Install to:
C:\Program Files\Java\jre1.8.0_111

Change...

< Back

Next >

Java Setup - Destination Folder



Destination Folder

Click "Change" to install Java to a different folder.

Install to:

C:\Program Files\Java\jre1.8.0_111

Change...

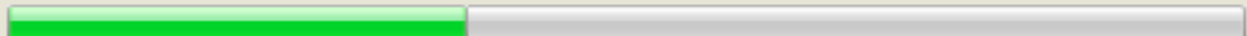
< Back

Next >

Java Setup - Progress



Status: Installing Java



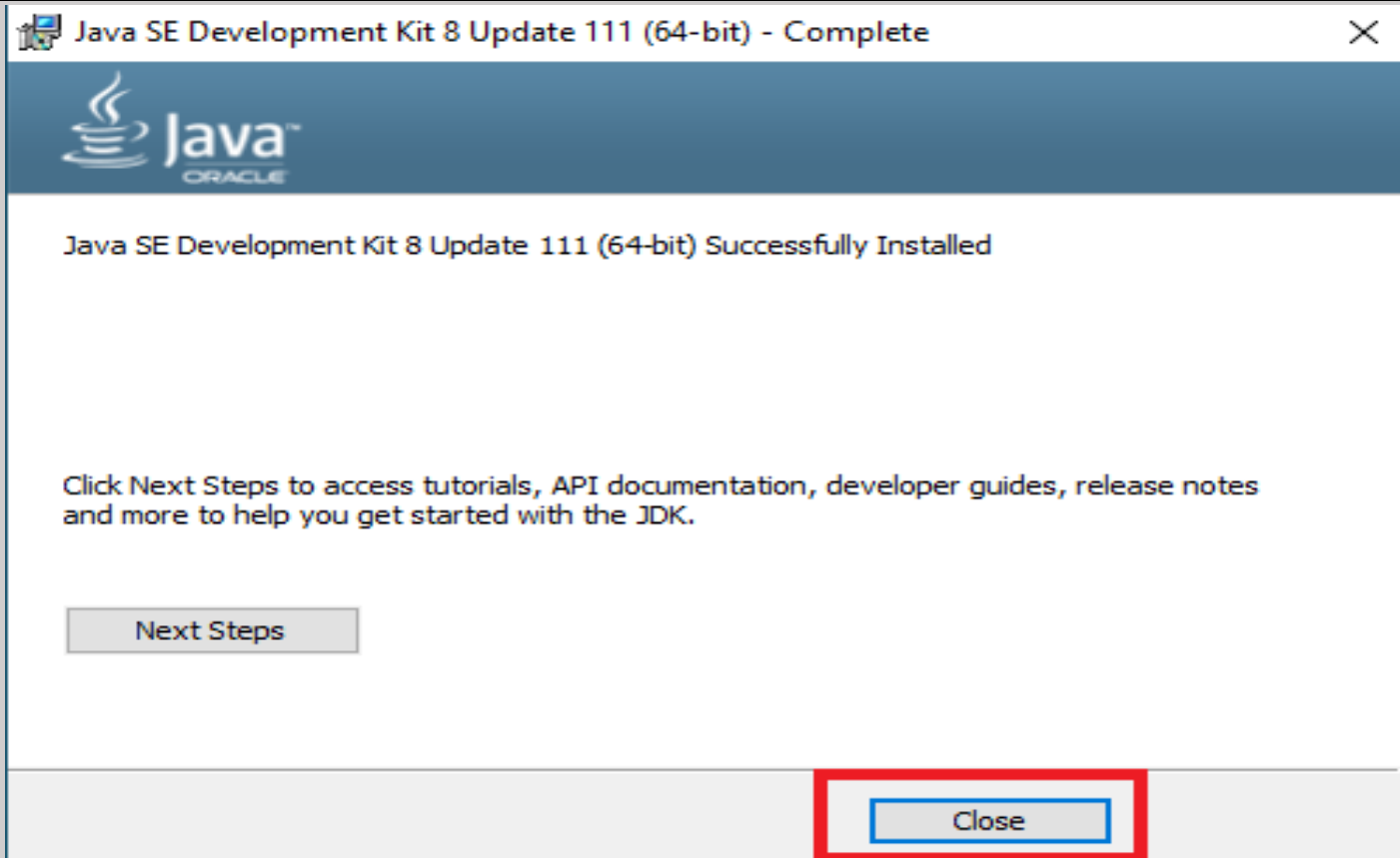
ATMs, Smartcards, POS Terminals, Blu-ray Players, PCs
Set Top Boxes, Mobile Phones, Servers, Switches
Routers, Smart Meters, Cameras, and many other Devices
Automobiles, Airplane Cockpits, Lottery
Systems, Access Control Systems, Building Controls
Programs, and many other Modules..

3 Billion Devices Run Java

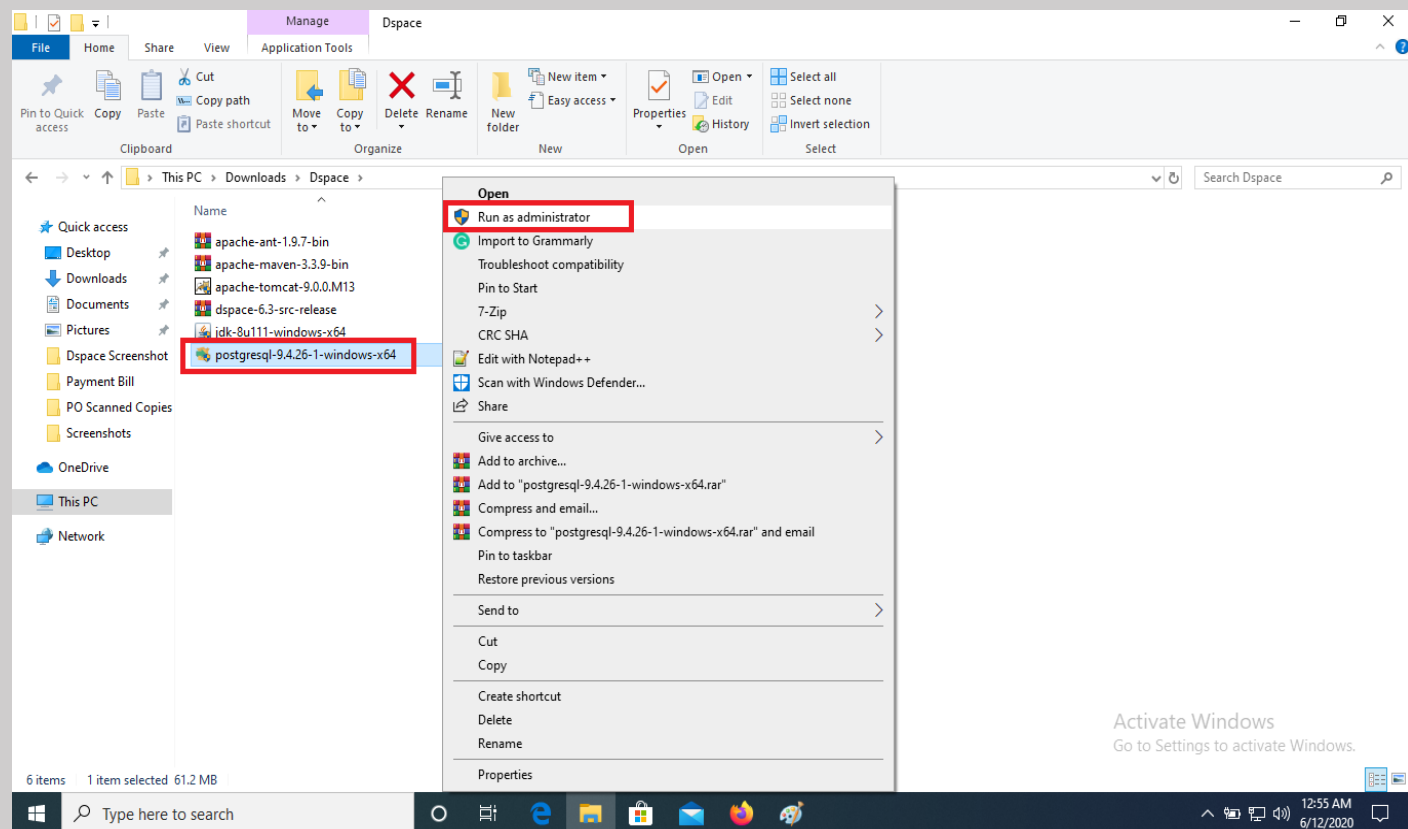


#1 Development Platform

ORACLE



Step-12: Then next step to install **postgresql-9.4.26-1-windows-x64** by right click on the file and then click on run as administrator and then click yes if prompted.





Setup



Packaged by:
EDB
POSTGRES

Setup - PostgreSQL

Welcome to the PostgreSQL Setup Wizard.

PostgreSQL



< Back

Next >

Cancel



Setup



Installation Directory

Please specify the directory where PostgreSQL will be installed.

Installation Directory

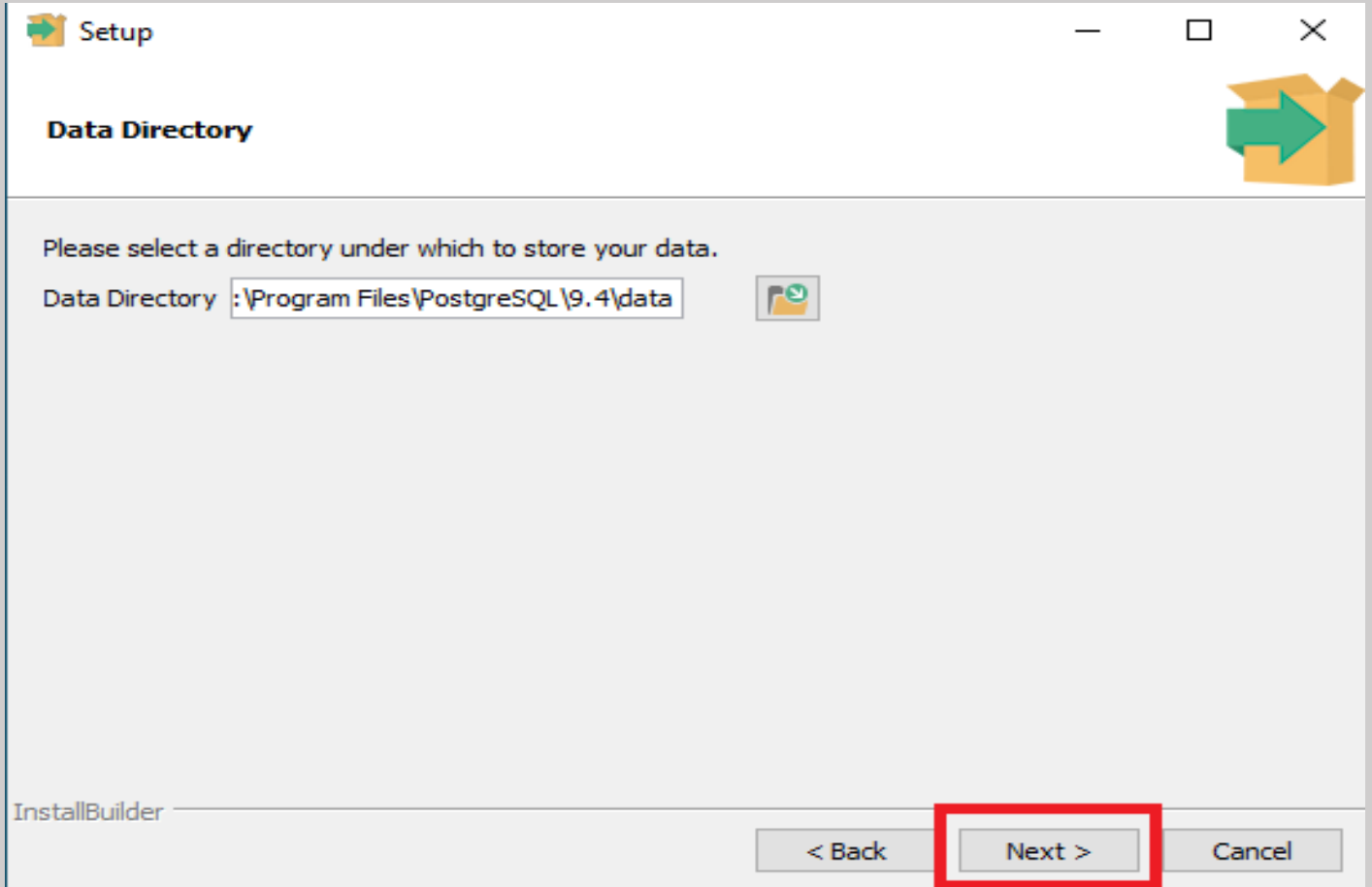


InstallBuilder

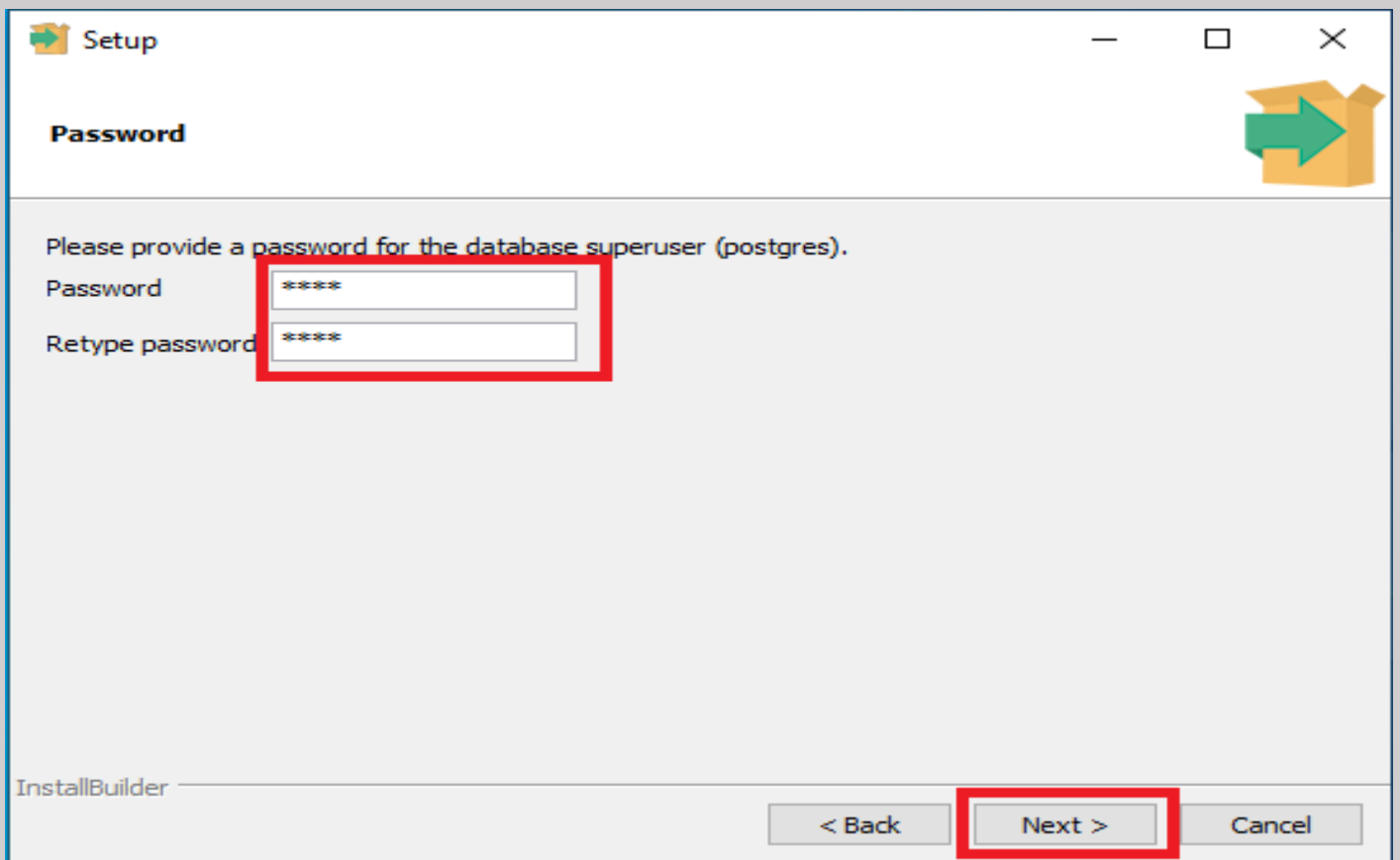
< Back

Next >

Cancel



Set password for postgresql database



**Port**

Please select the port number the server should listen on.

Port

InstallBuilder

< Back

Next >

Cancel

**Advanced Options**

Select the locale to be used by the new database cluster.

Locale

InstallBuilder

< Back

Next >

Cancel



Setup



Ready to Install



Setup is now ready to begin installing PostgreSQL on your computer.

InstallBuilder

< Back

Next >

Cancel



Setup



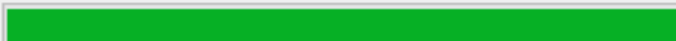
Installing



Please wait while Setup installs PostgreSQL on your computer.

Installing

Unpacking C:\Program [..]snowball\libstemmer\stem_ISO_8859_1_italian.h

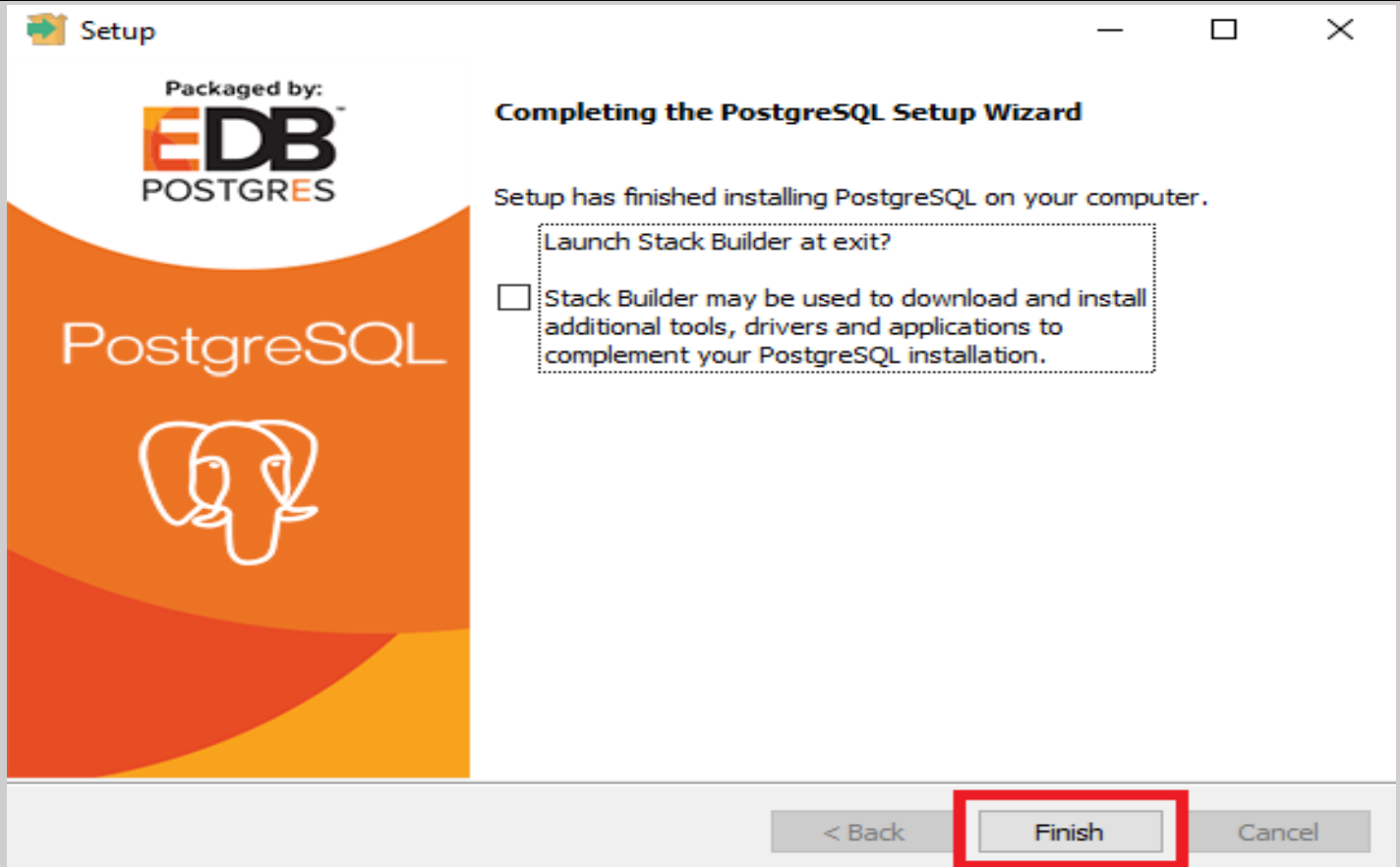


InstallBuilder

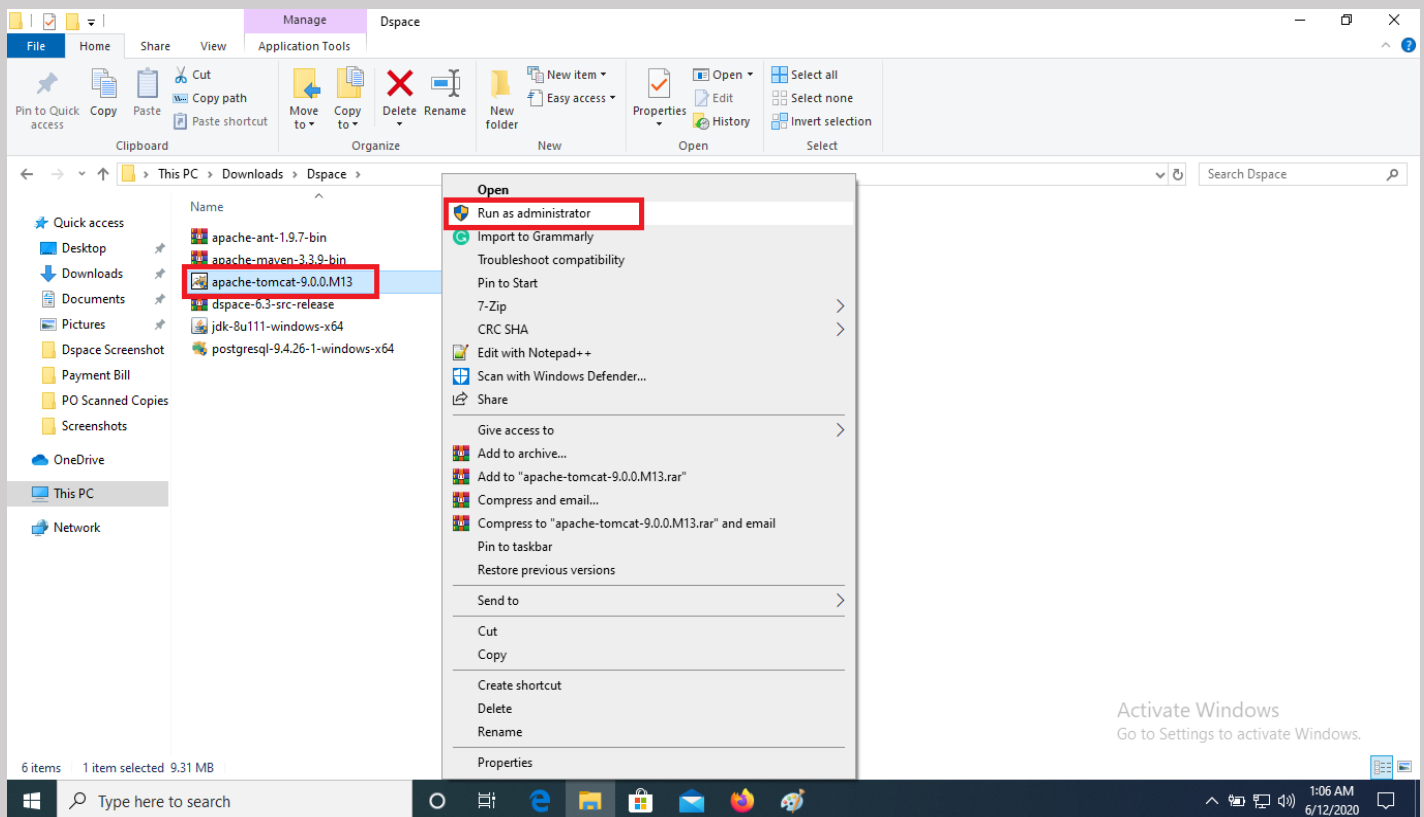
< Back

Next >

Cancel



Step-13: Then next step to install **apache-tomcat-9.0.0.M13.exe** by right click on the file and then click on run as administrator and then click yes if prompted.



http://tomcat.apache.org



Apache Tomcat 9

Welcome to Apache Tomcat Setup

Setup will guide you through the installation of Apache Tomcat.

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

Next >

Cancel

License Agreement

Please review the license terms before installing Apache Tomcat.

Press Page Down to see the rest of the agreement.

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

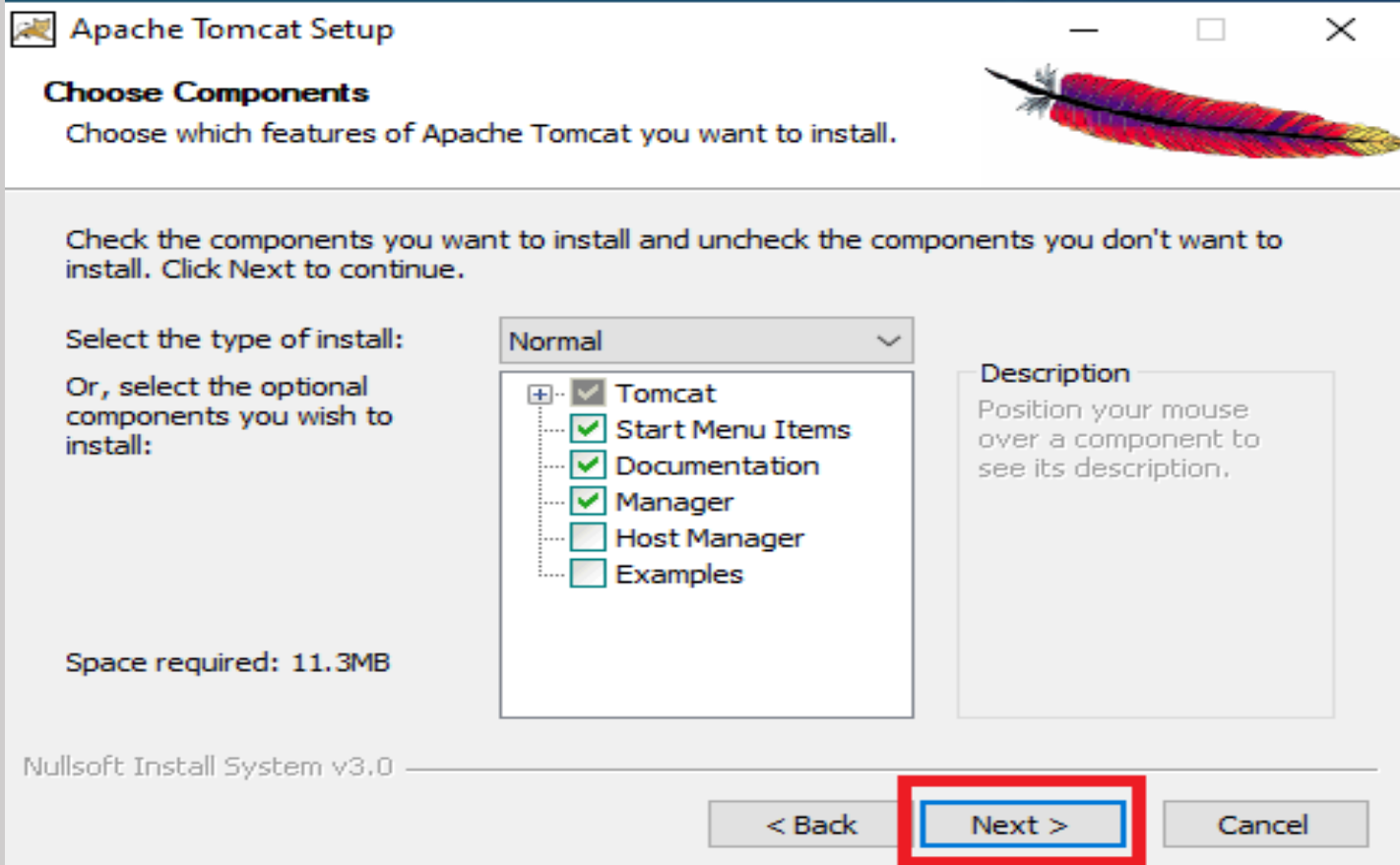
"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Apache Tomcat.

< Back

I Agree

Cancel

The Apache Tomcat Setup window features a title bar with standard Windows controls. Below the title bar, the text "Choose Components" is displayed in bold, followed by the instruction "Choose which features of Apache Tomcat you want to install." A decorative feather graphic is positioned in the top right corner. The main area contains a paragraph: "Check the components you want to install and uncheck the components you don't want to install. Click Next to continue." Below this, the text "Select the type of install:" is followed by a dropdown menu set to "Normal". To the left of the component list, it says "Or, select the optional components you wish to install:". The component list is a tree view with "Tomcat" selected and expanded, showing sub-items: "Start Menu Items" (checked), "Documentation" (checked), "Manager" (checked), "Host Manager" (unchecked), and "Examples" (unchecked). Below the list, it states "Space required: 11.3MB". On the right, a "Description" box contains the text: "Position your mouse over a component to see its description." At the bottom, the text "Nullsoft Install System v3.0" is on the left, and three buttons are on the right: "< Back", "Next >" (highlighted with a red rectangle), and "Cancel".

Apache Tomcat Setup

Choose Components
Choose which features of Apache Tomcat you want to install.

Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.

Select the type of install: Normal

Or, select the optional components you wish to install:

- ☒ Tomcat
 - ☒ Start Menu Items
 - ☒ Documentation
 - ☒ Manager
 - ☐ Host Manager
 - ☐ Examples

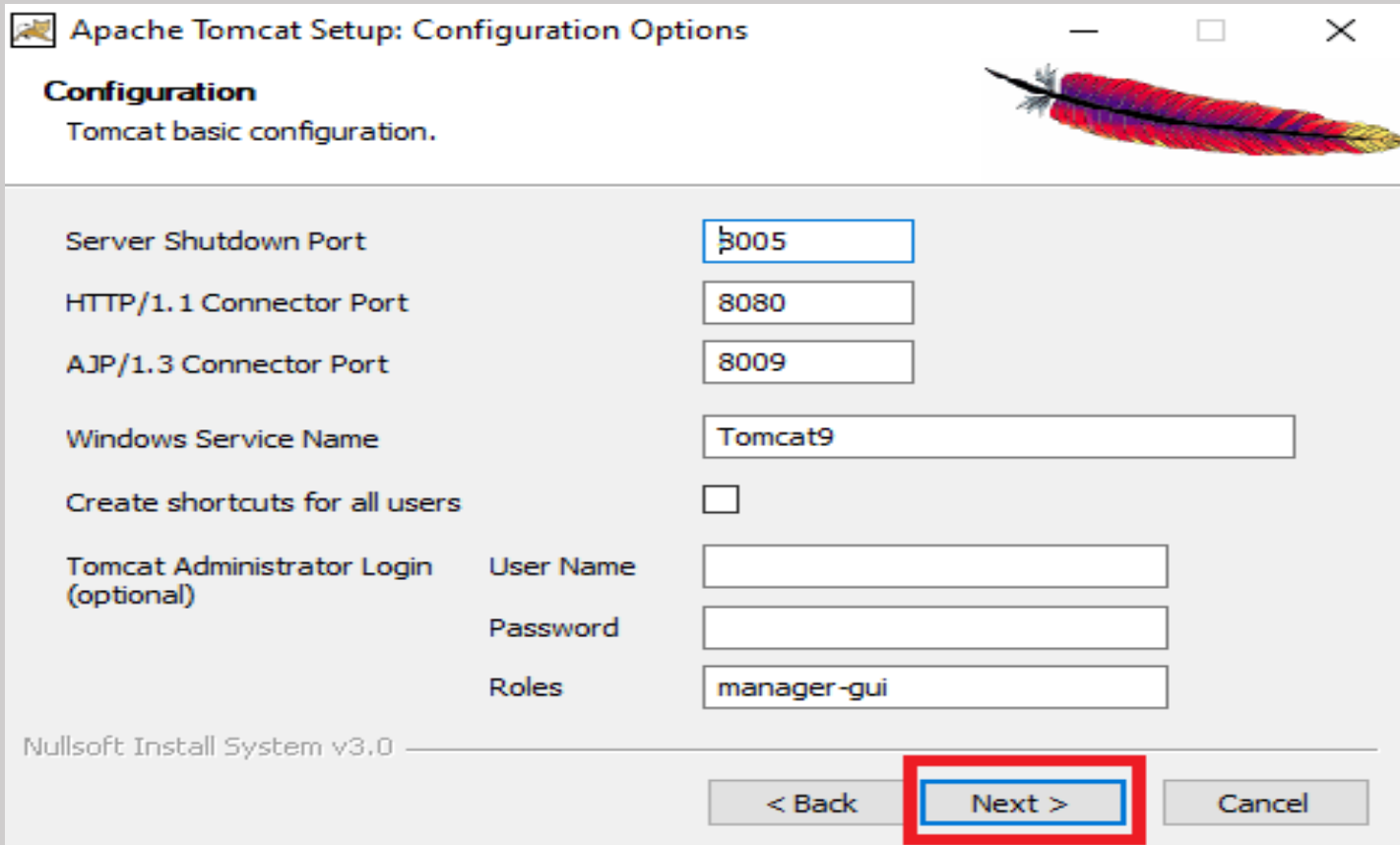
Space required: 11.3MB

Description
Position your mouse over a component to see its description.

Nullsoft Install System v3.0

< Back **Next >** Cancel

You can set the password or leave it as per your own choice.

The Apache Tomcat Setup: Configuration Options window has a title bar with standard Windows controls. Below the title bar, the text "Configuration" is in bold, followed by "Tomcat basic configuration." A decorative feather graphic is in the top right corner. The main area contains several configuration options: "Server Shutdown Port" (8005), "HTTP/1.1 Connector Port" (8080), "AJP/1.3 Connector Port" (8009), "Windows Service Name" (Tomcat9), "Create shortcuts for all users" (unchecked checkbox), and "Tomcat Administrator Login (optional)" which includes fields for "User Name", "Password", and "Roles" (manager-gui). At the bottom, the text "Nullsoft Install System v3.0" is on the left, and three buttons are on the right: "< Back", "Next >" (highlighted with a red rectangle), and "Cancel".

Apache Tomcat Setup: Configuration Options

Configuration
Tomcat basic configuration.

Server Shutdown Port: 8005

HTTP/1.1 Connector Port: 8080

AJP/1.3 Connector Port: 8009

Windows Service Name: Tomcat9

Create shortcuts for all users: ☐

Tomcat Administrator Login (optional)

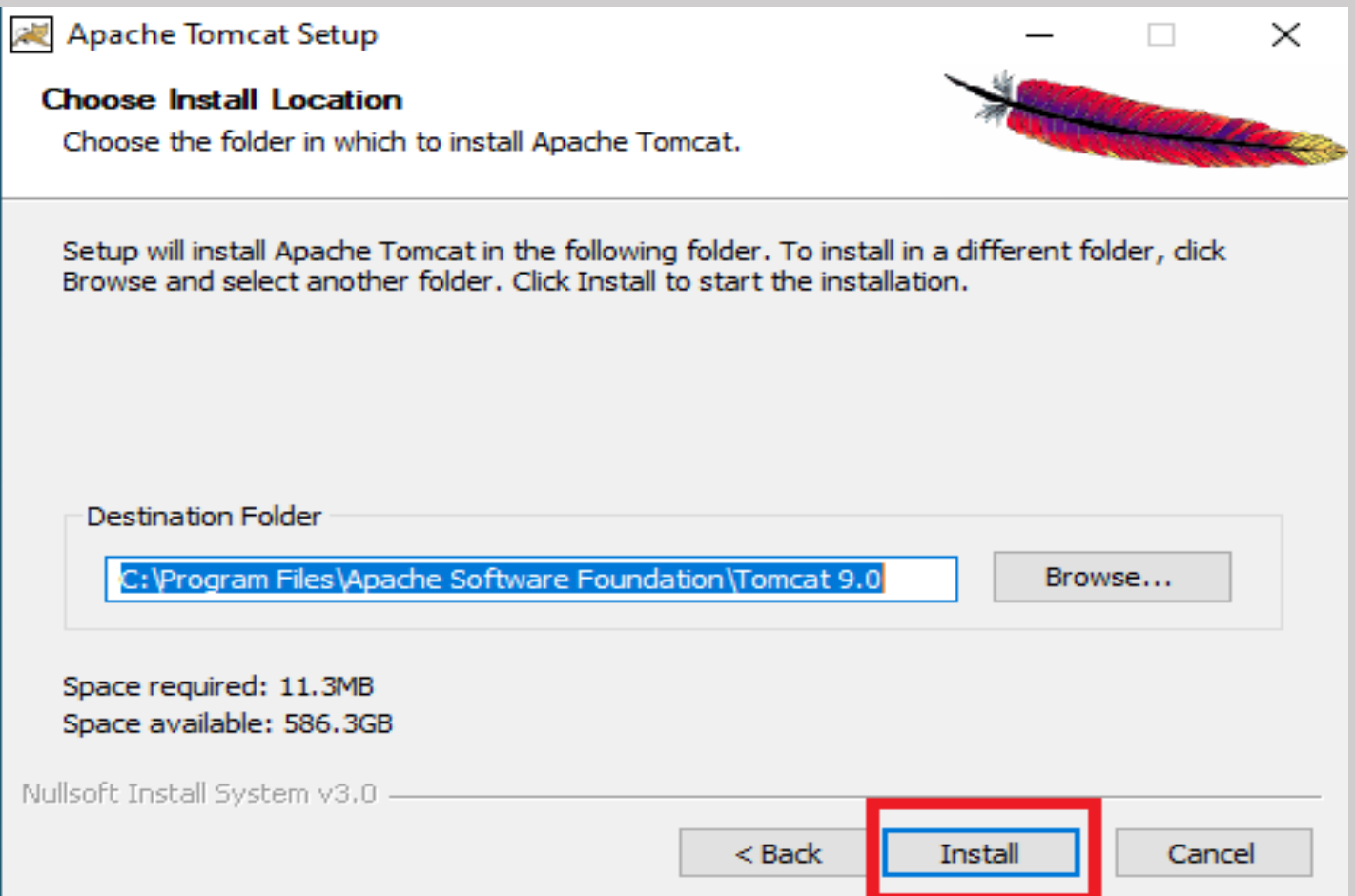
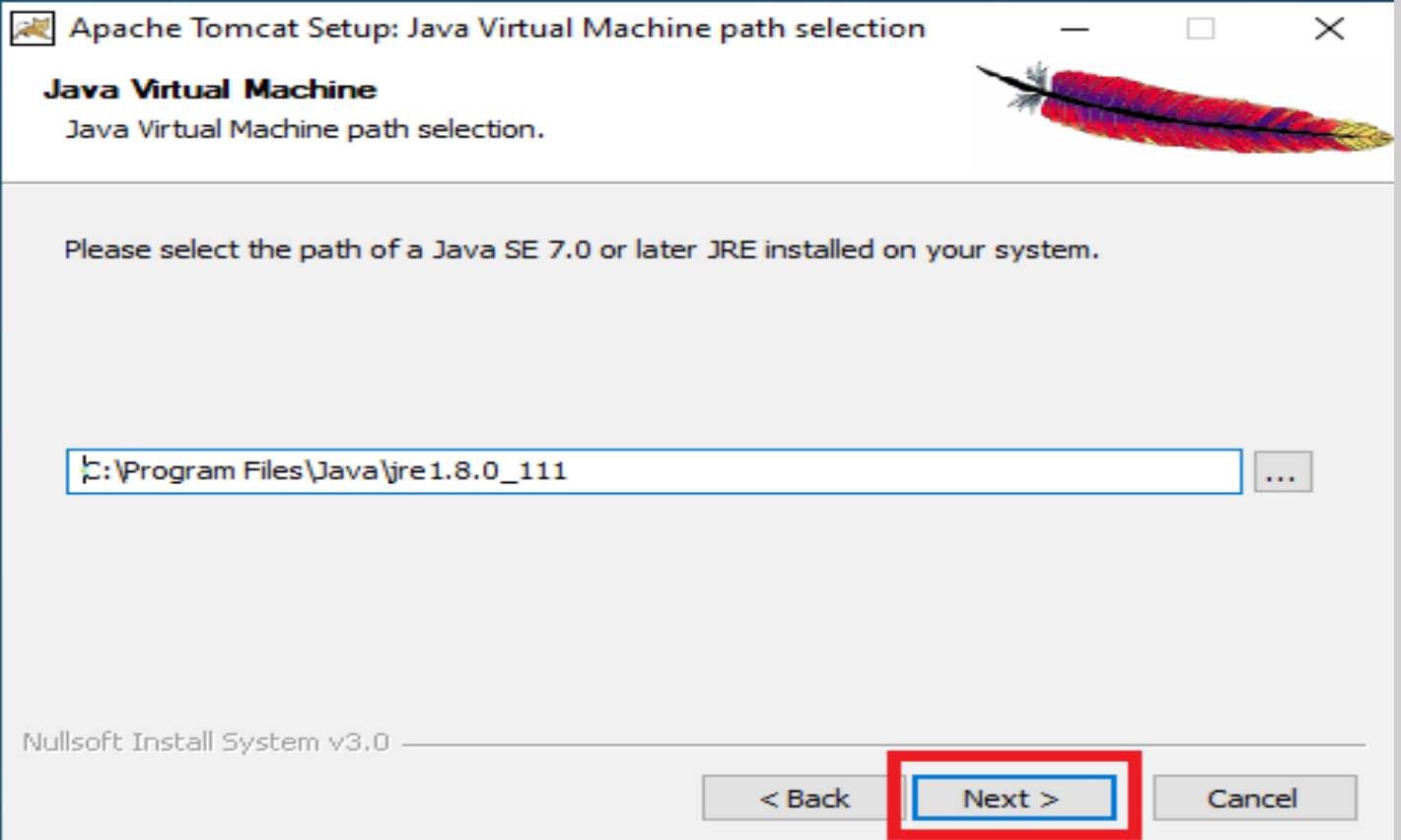
User Name:

Password:

Roles: manager-gui

Nullsoft Install System v3.0

< Back **Next >** Cancel





Apache Tomcat Setup

Installing

Please wait while Apache Tomcat is being installed.



Configuring Tomcat9 service



Show details

Nullsoft Install System v3.0

< Back

Next >

Cancel



Apache Tomcat Setup

http://tomcat.apache.org



Apache Tomcat 9

Completing Apache Tomcat Setup

Apache Tomcat has been installed on your computer.

Click Finish to close Setup.

☒ Run Apache Tomcat

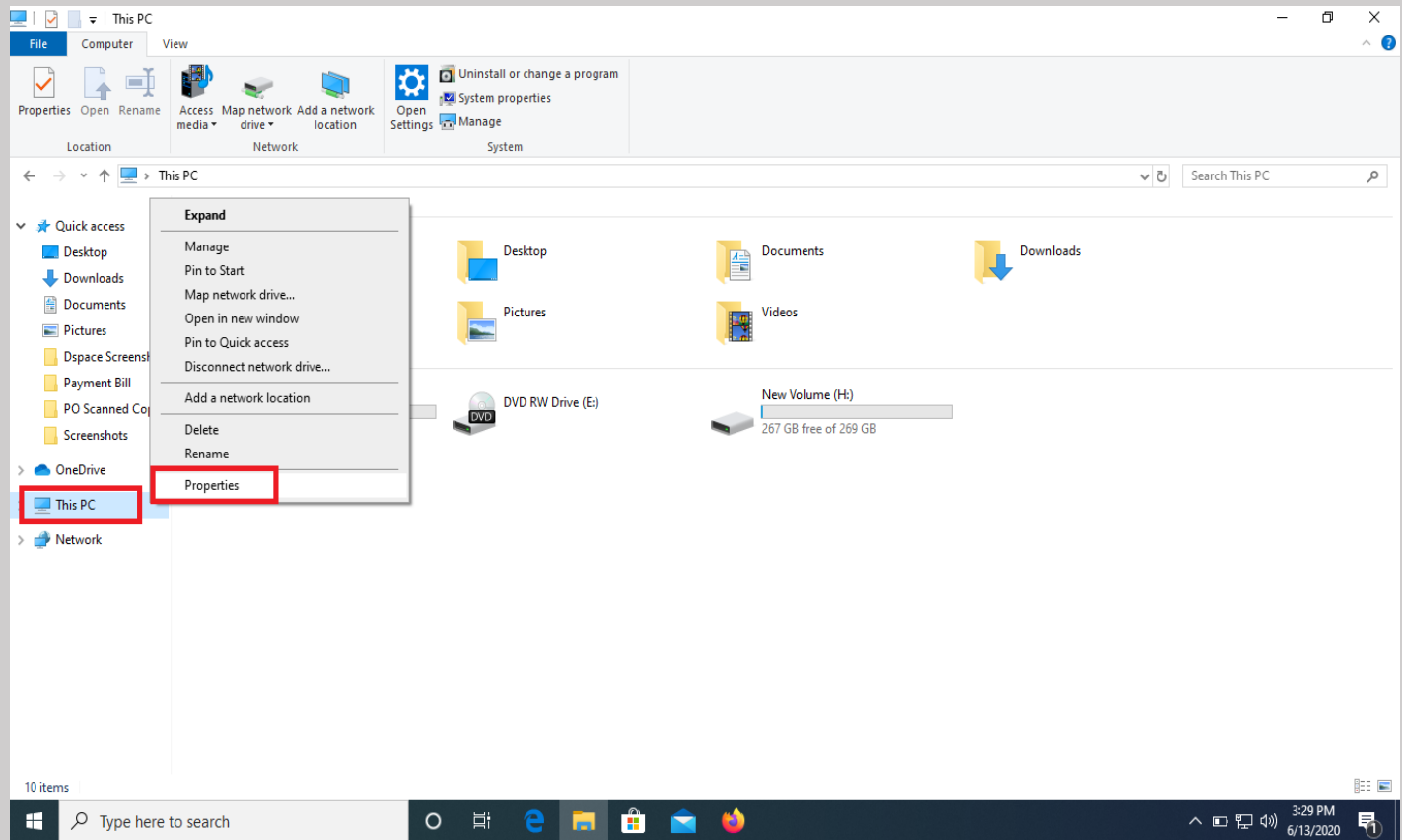
☒ Show Readme

< Back

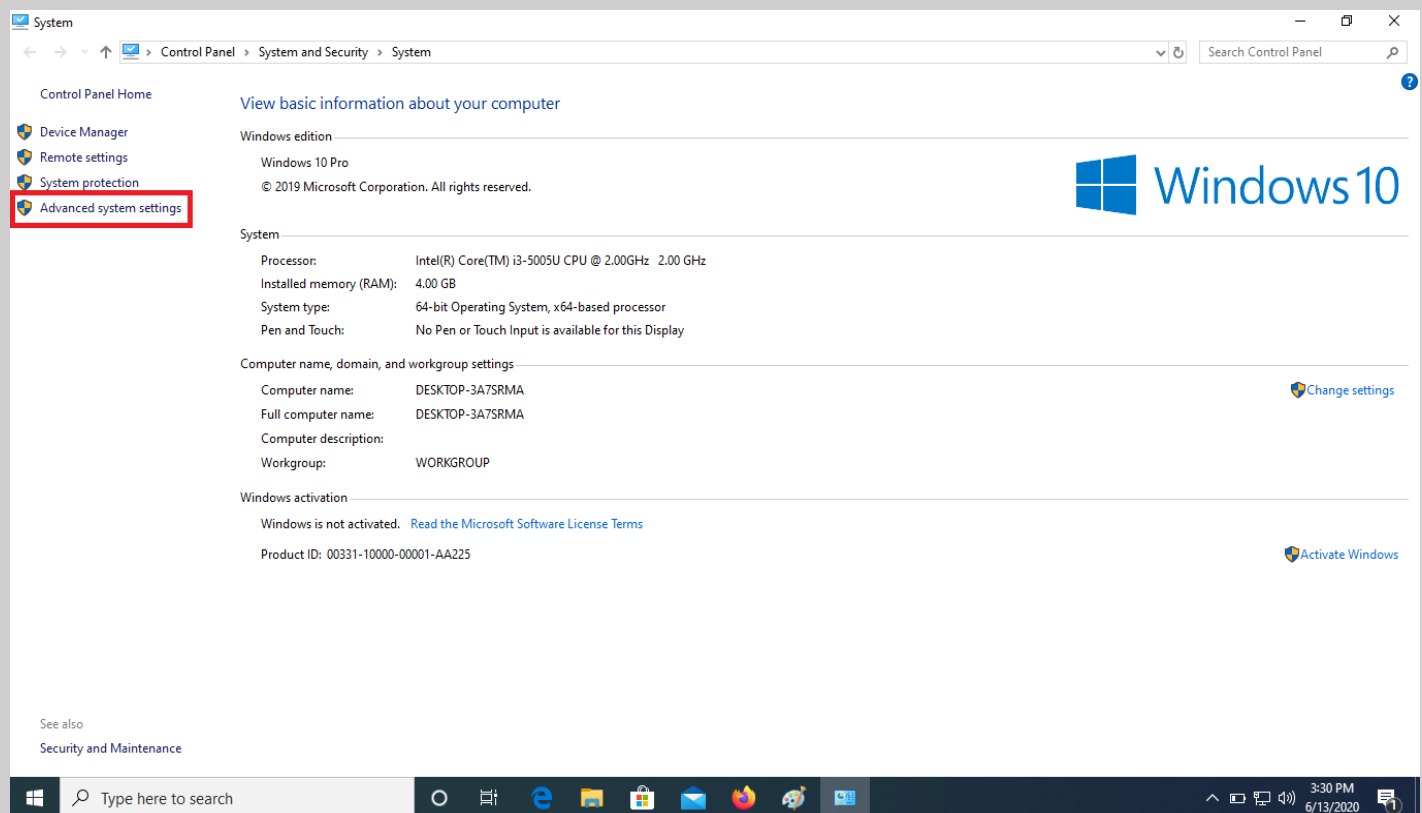
Finish

Cancel

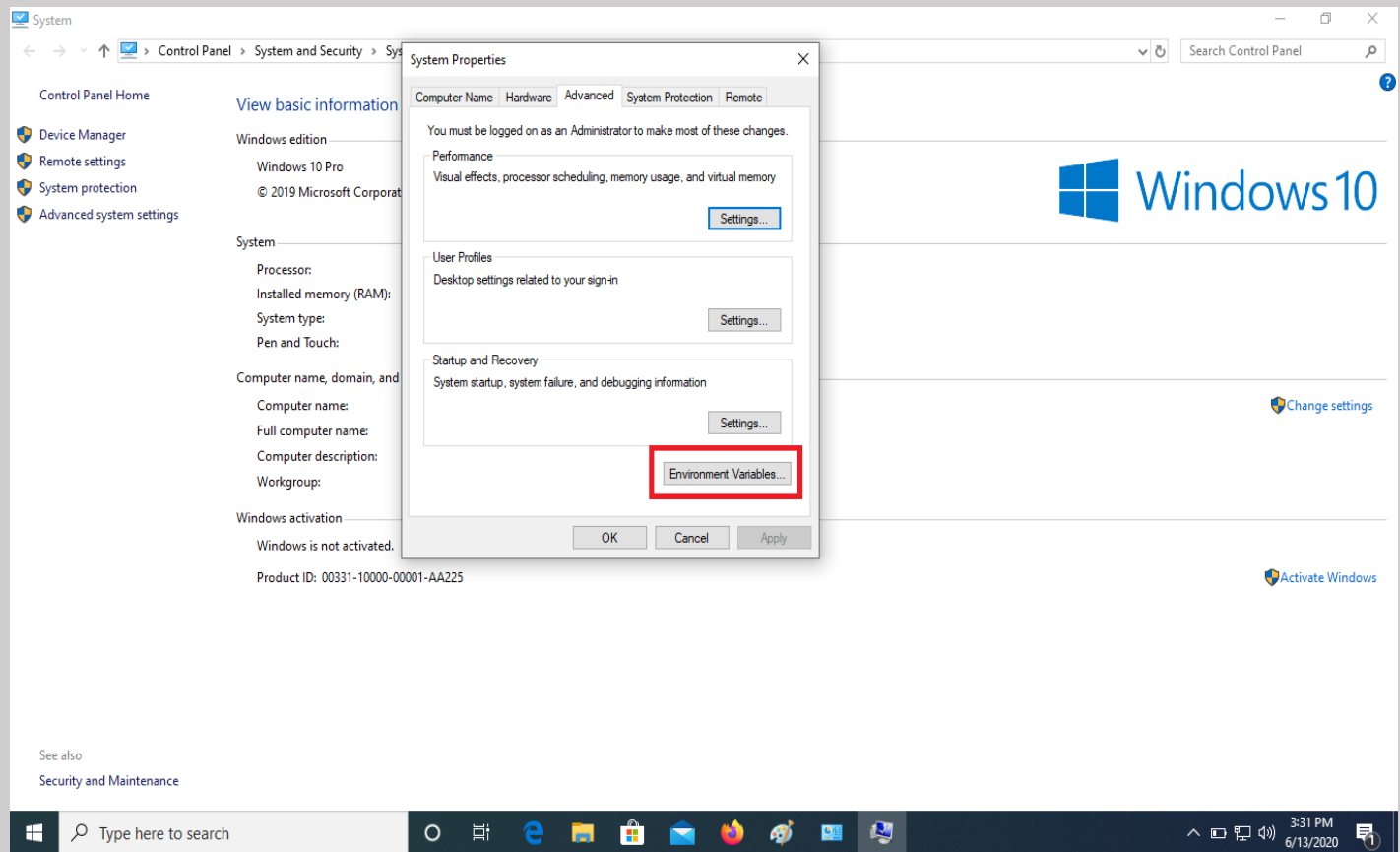
Step-14: Now we have to set the “**Environment Variables**”. First right click on my computer and then select properties.



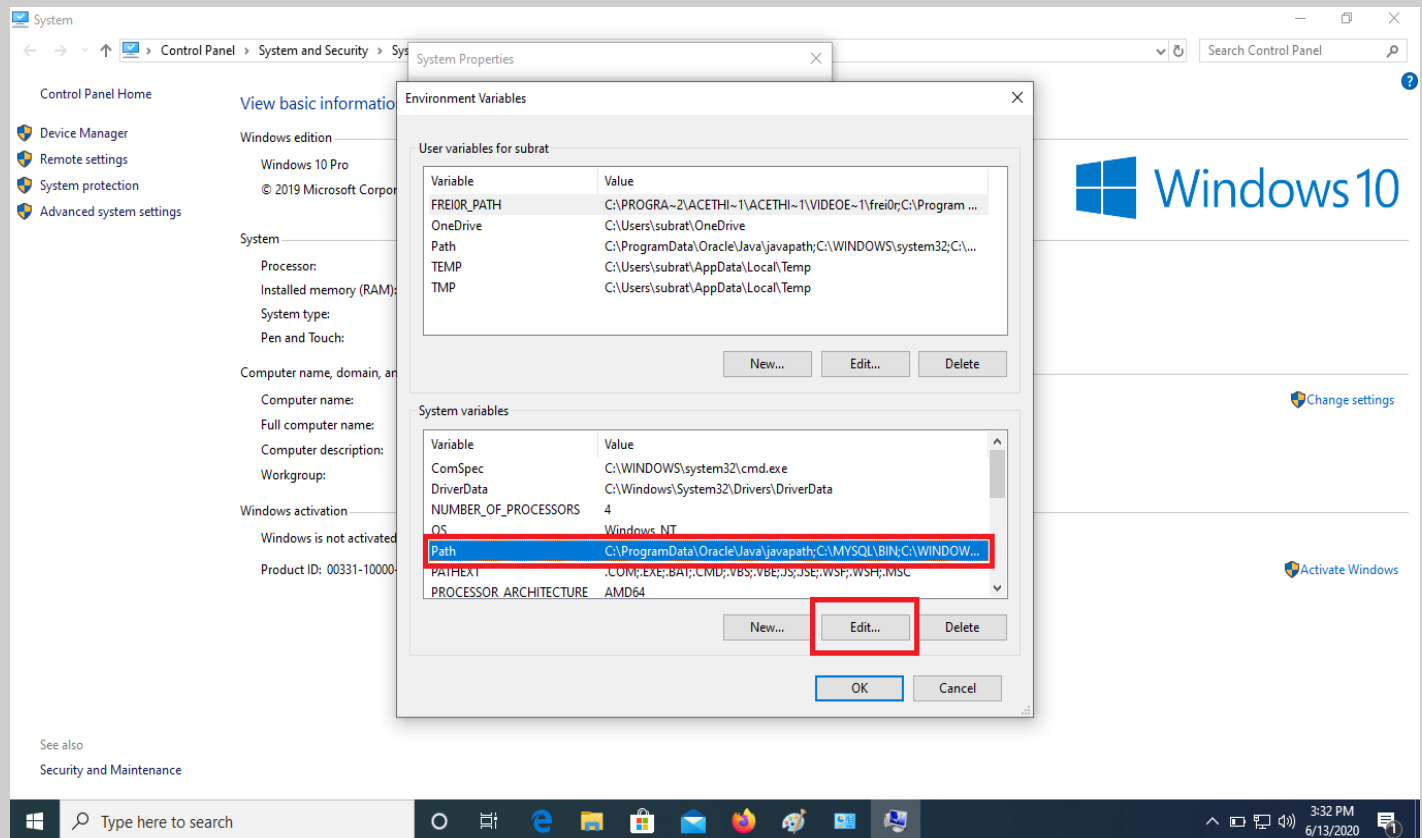
Then select “**Advanced System Settings**”.



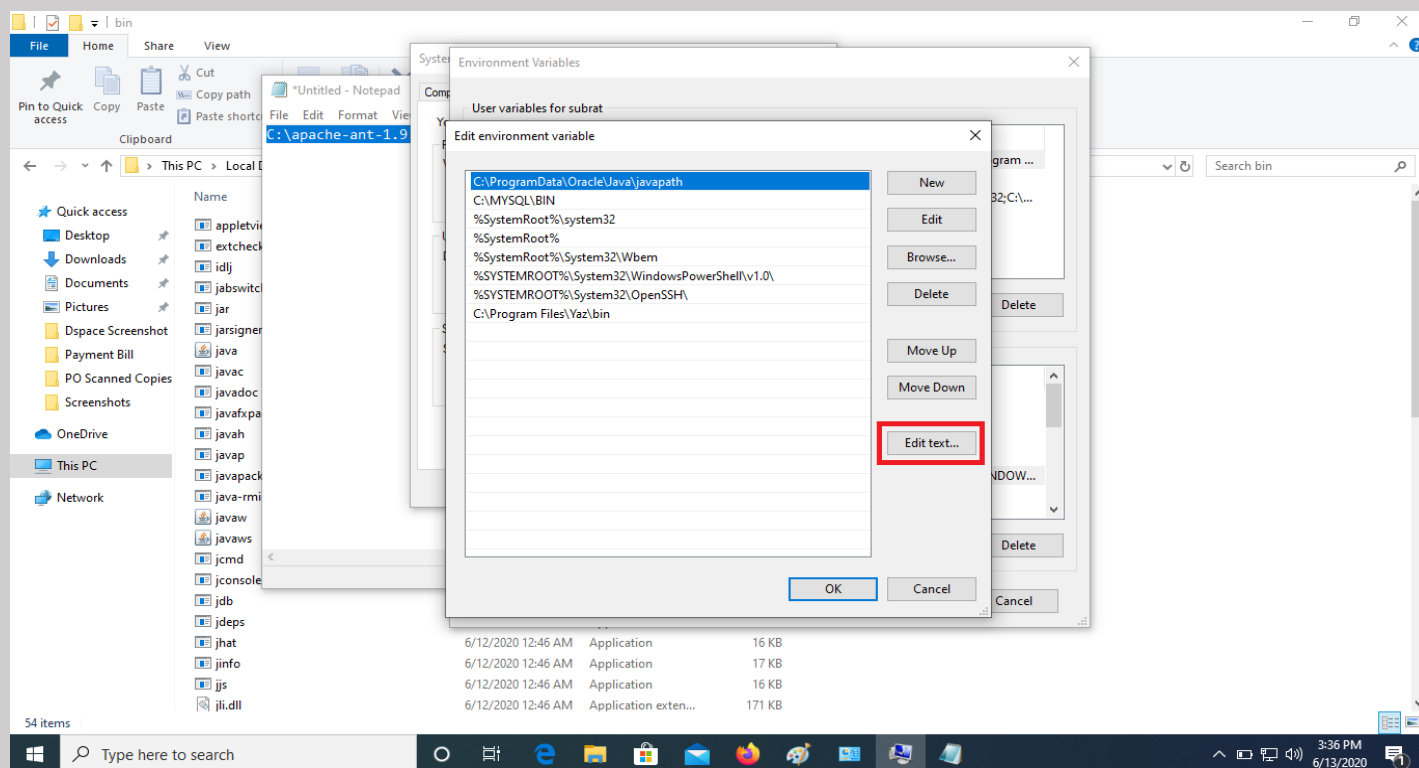
Select "Environment Variables" option.



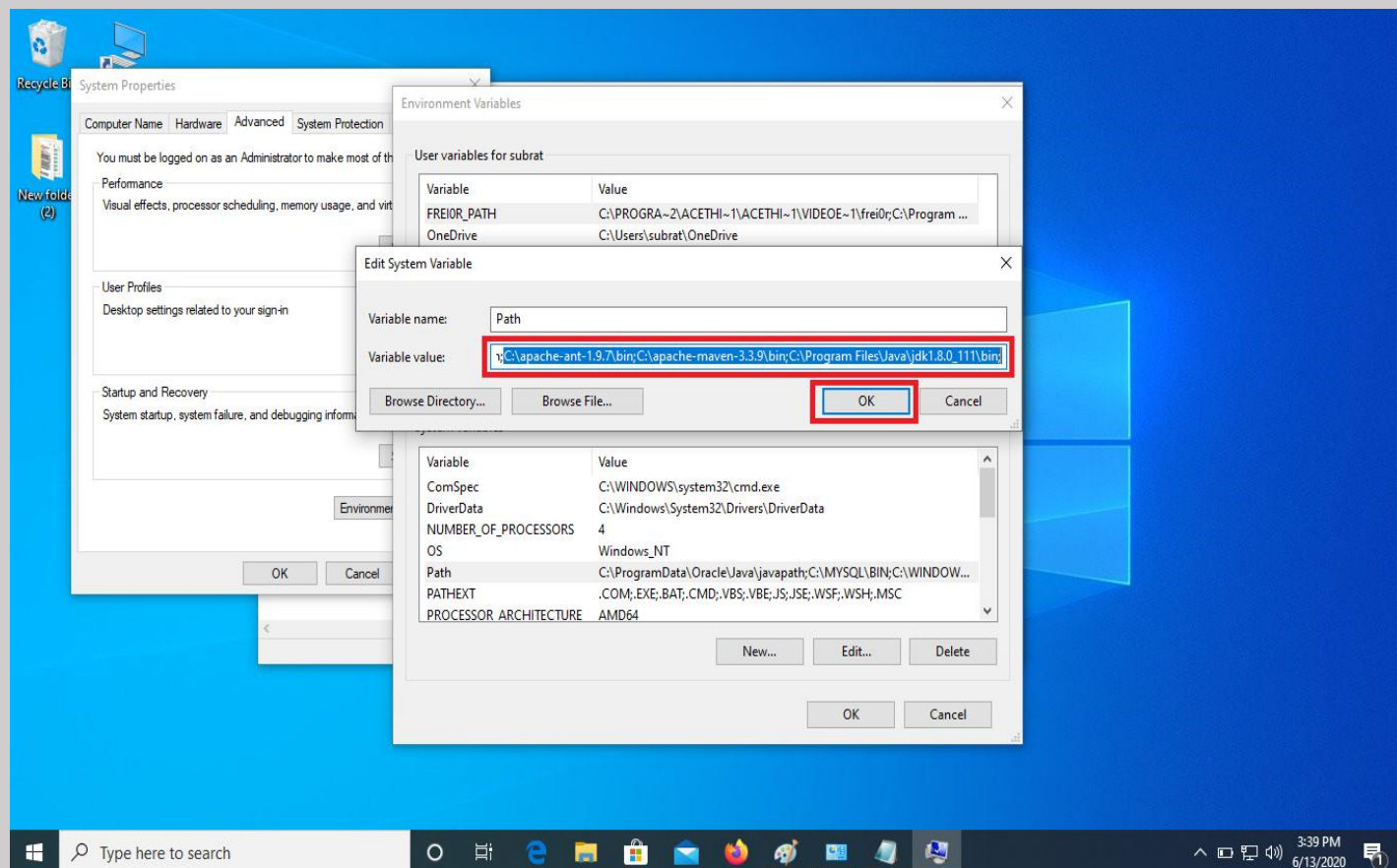
Select "Path" and click on Edit button in System variables.



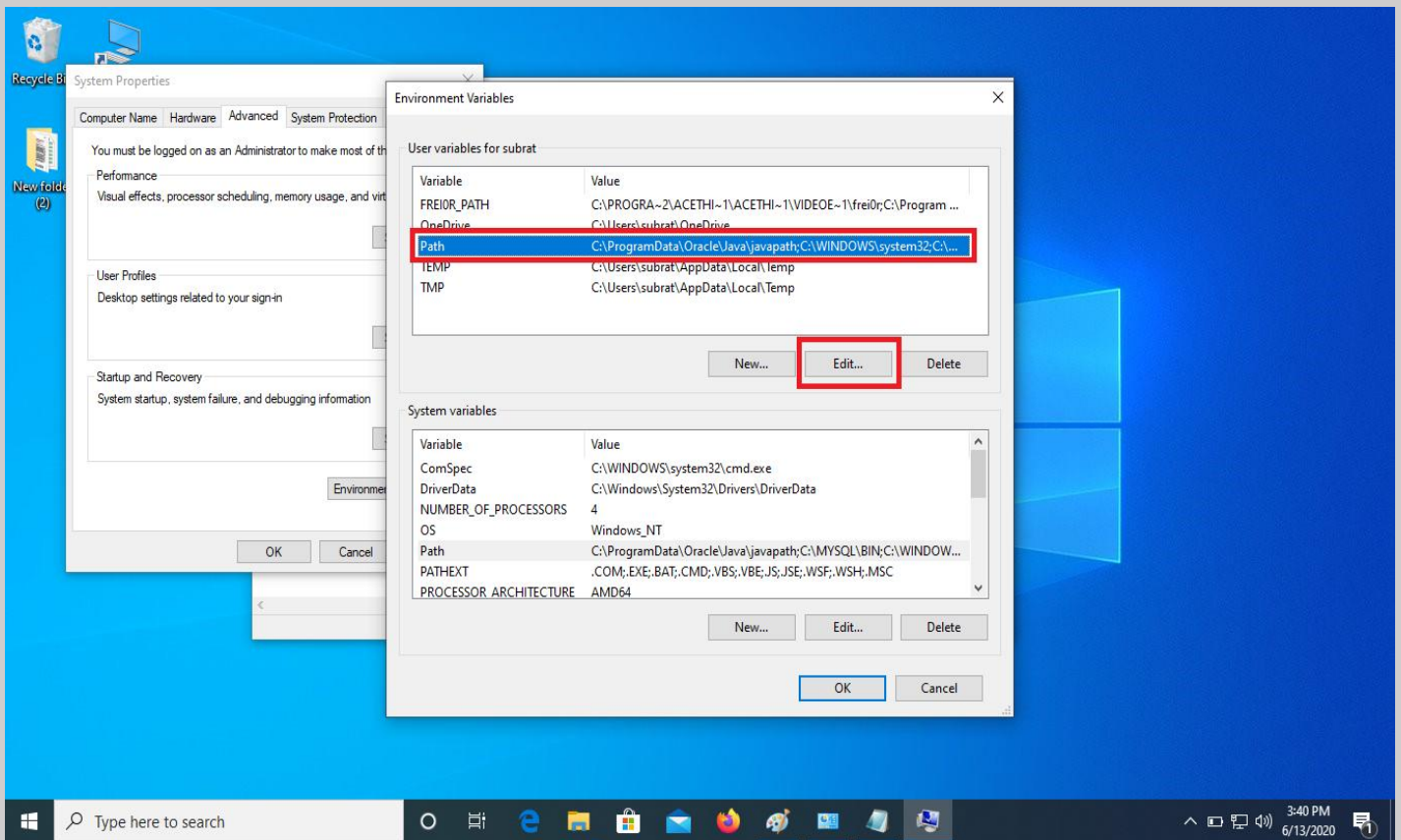
Then click on “Edit text” option.



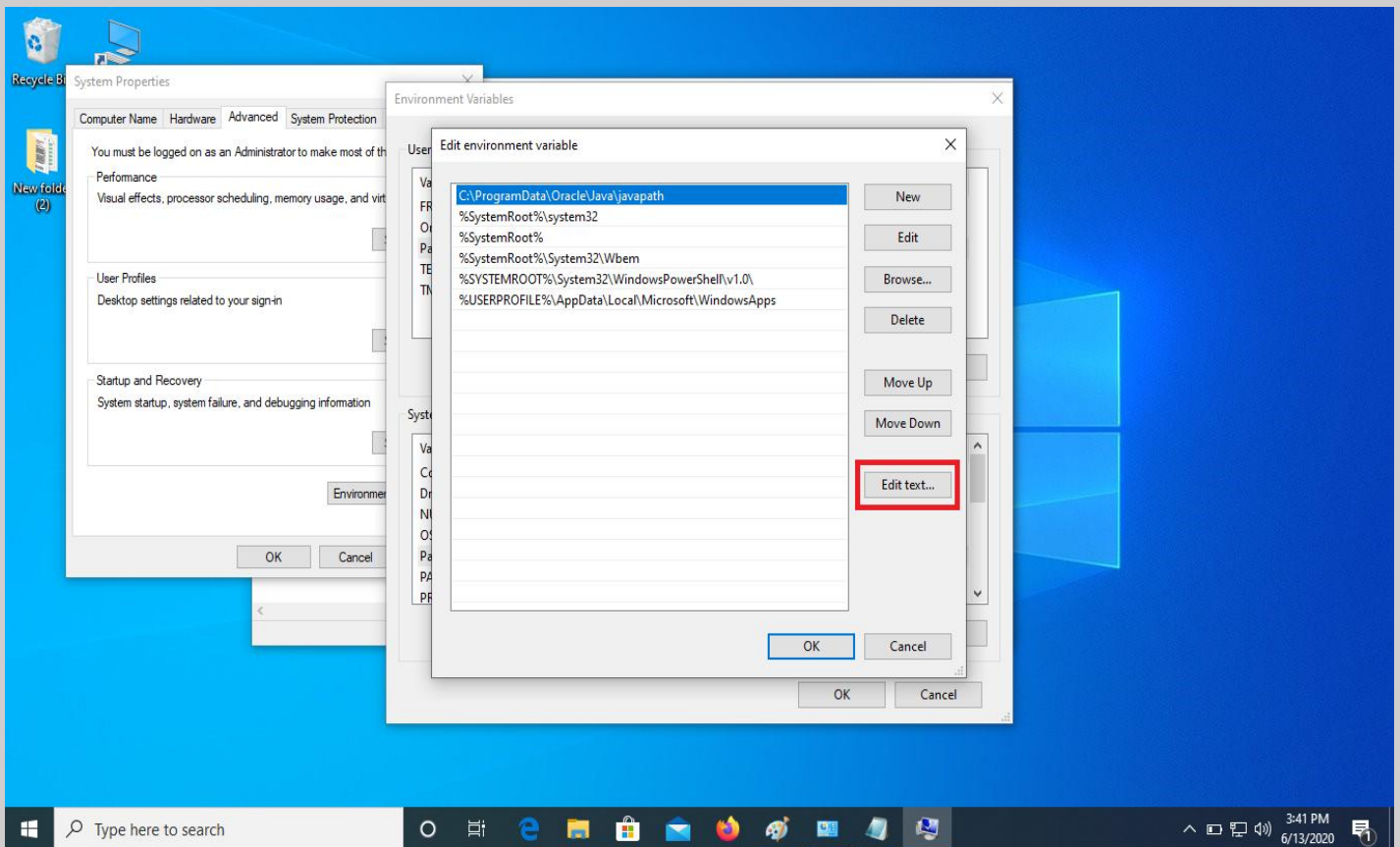
Add the paths in last line: **C:\apache-ant-1.9.7\bin;C:\apache-maven-3.3.9\bin;C:\Program Files\Java\jdk1.8.0_111\bin**; and then click on ok.



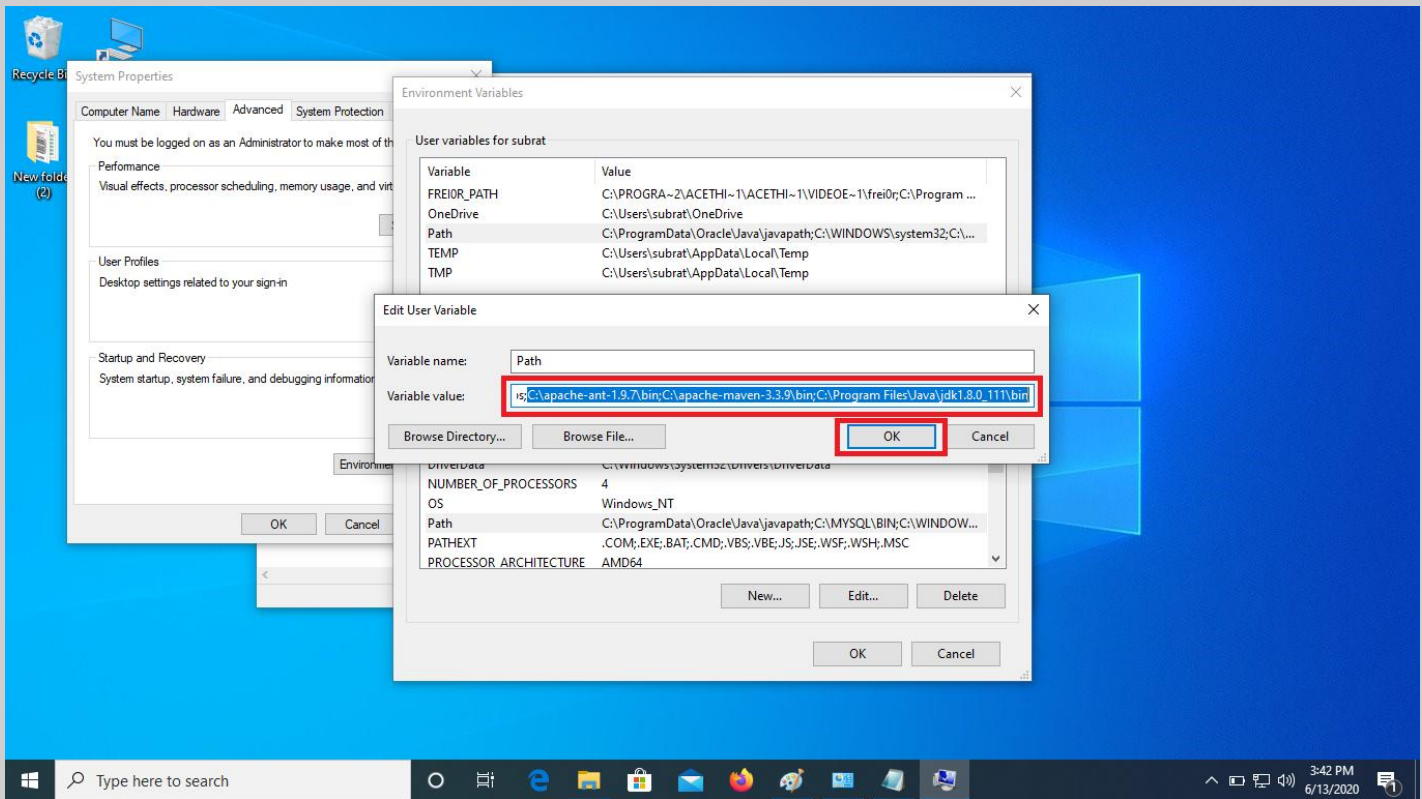
Select **“Path”** and click on Edit button in User variables.



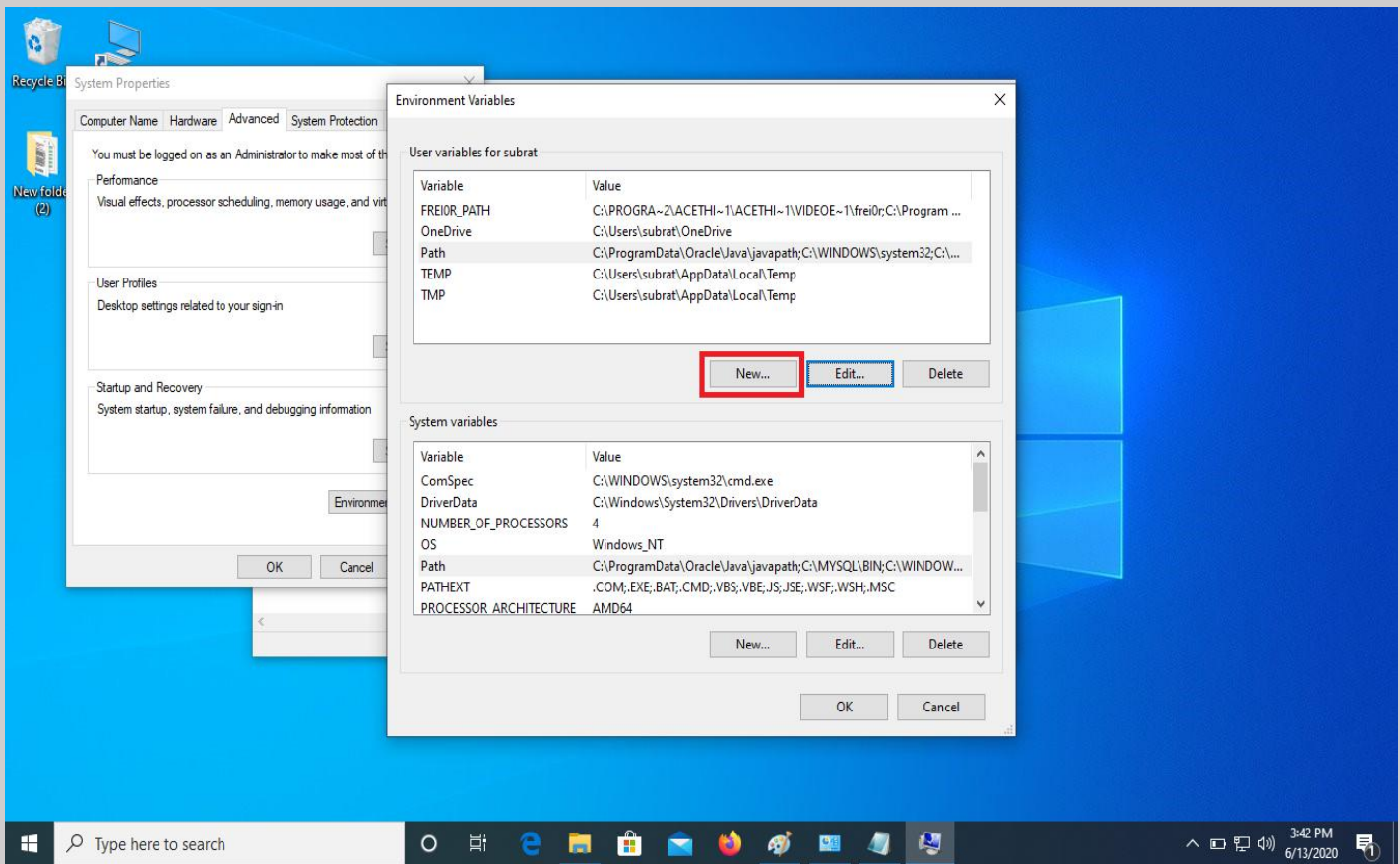
Then click on **“Edit text”** option.



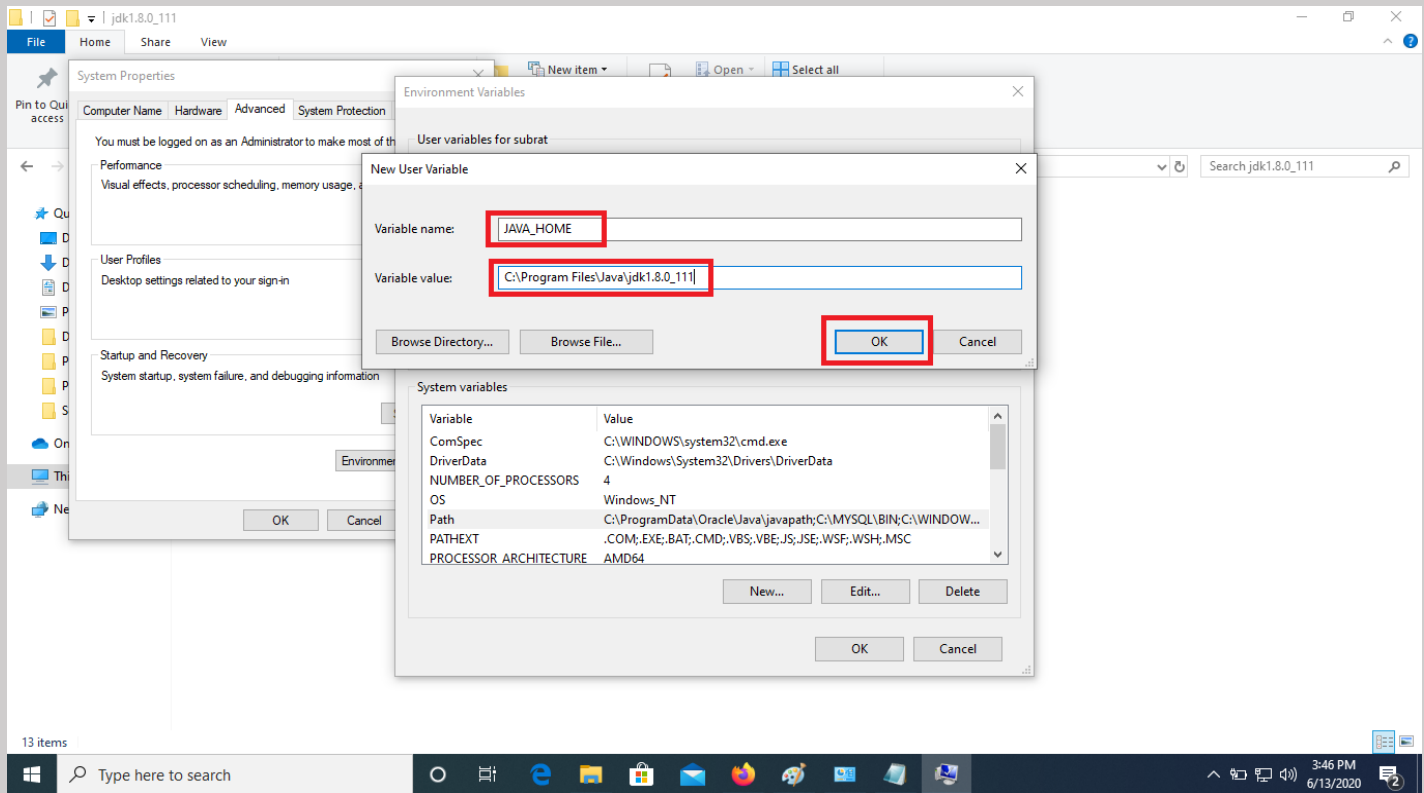
Add again the same paths in last line: **C:\apache-ant-1.9.7\bin;C:\apache-maven-3.3.9\bin;C:\Program Files\Java\jdk1.8.0_111\bin**; and then click on ok.



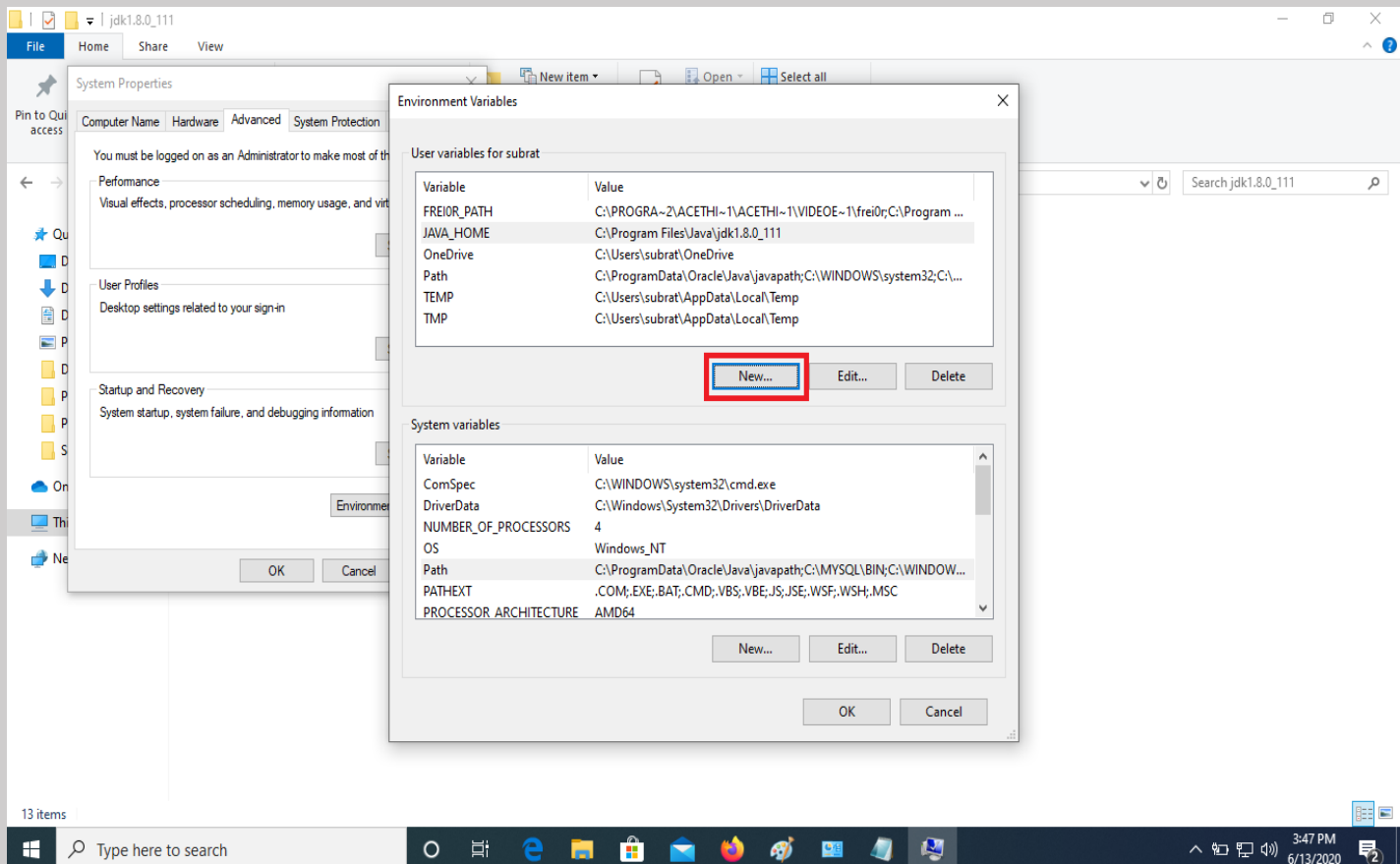
Click on “New” button in User variables.



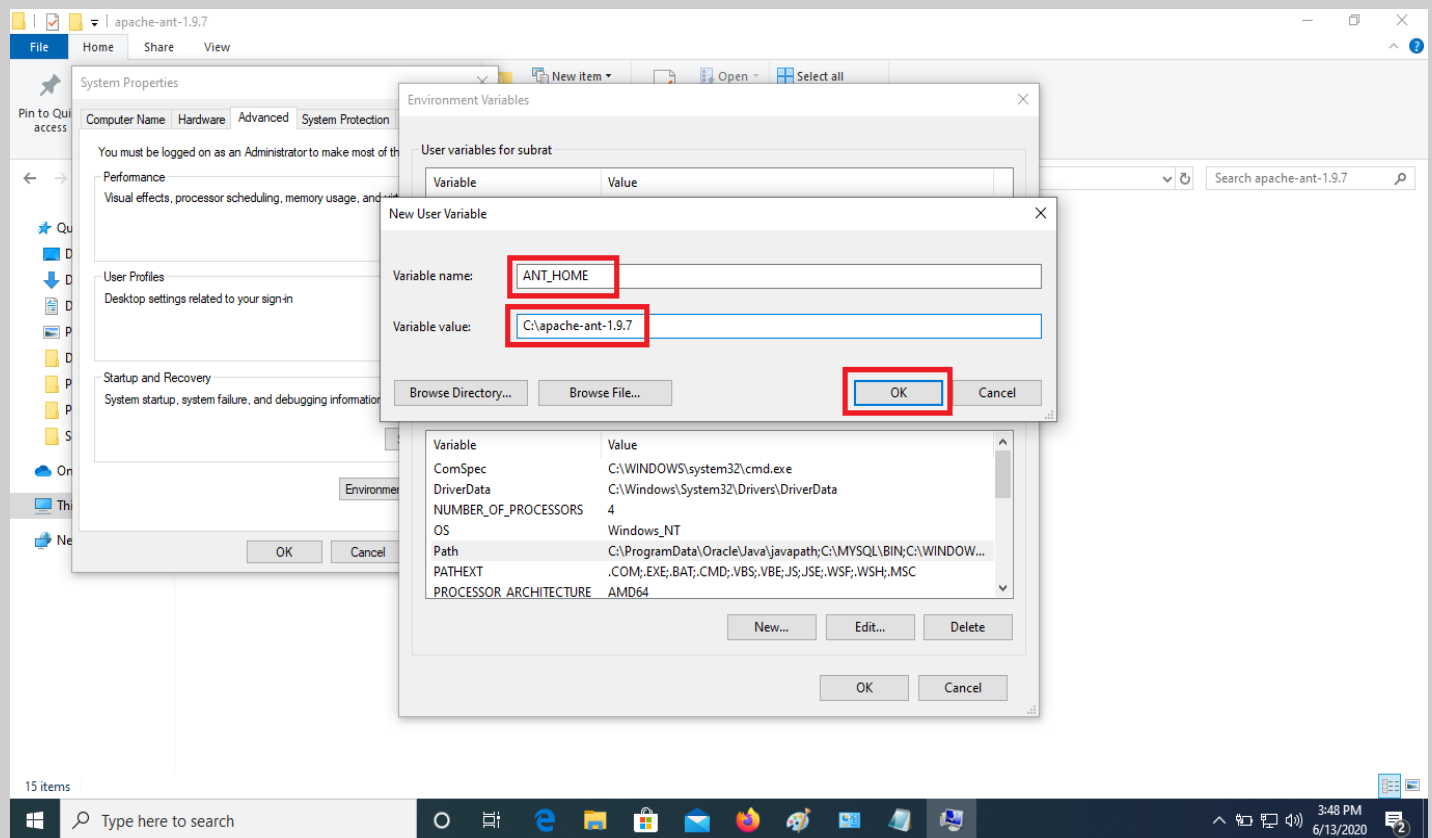
Type **"JAVA_HOME"** in Variable name and give the path **C:\Program Files\Java\jdk1.8.0_111** in Variable value and click on ok.



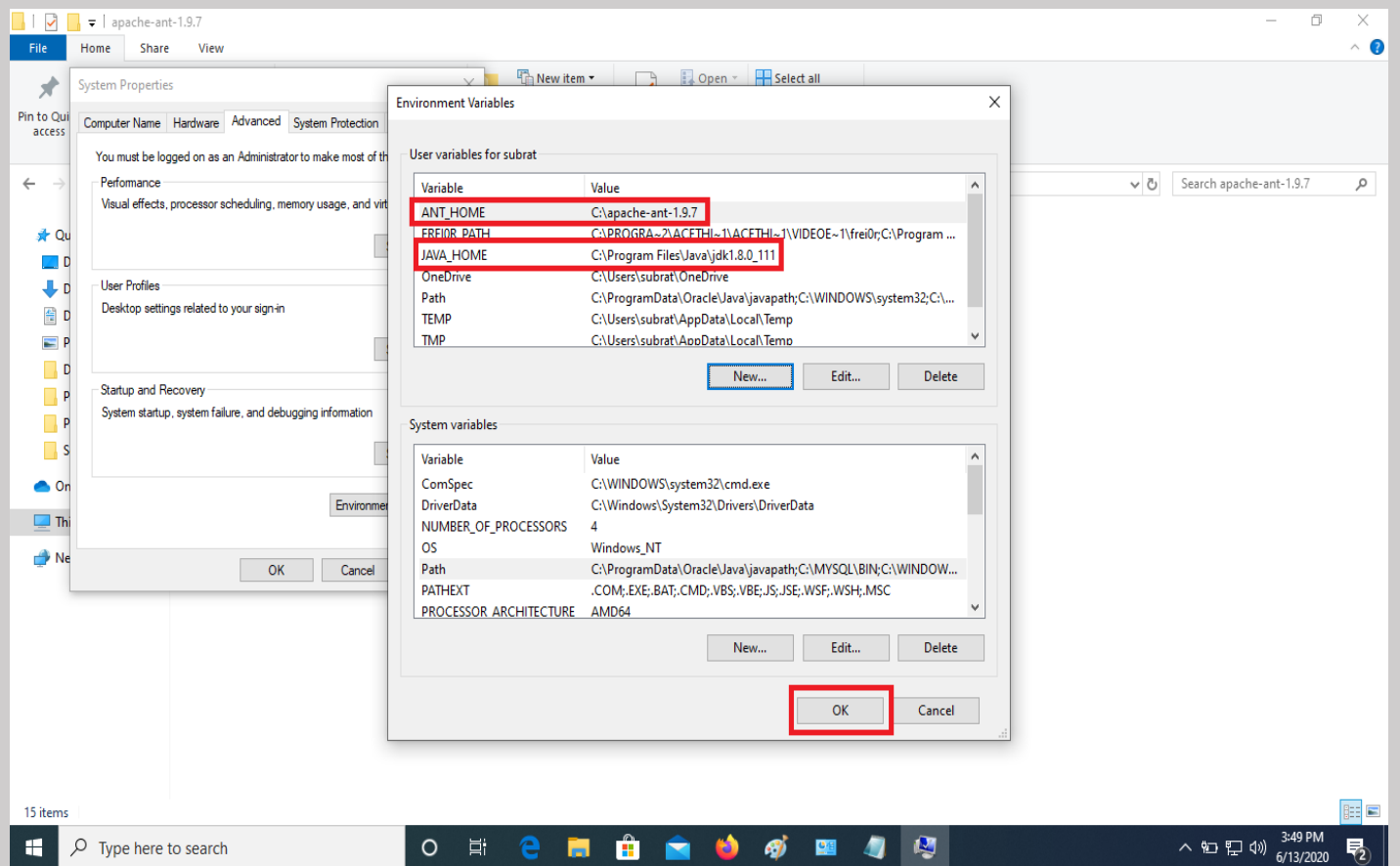
Again click on **"New"** button in User variables.



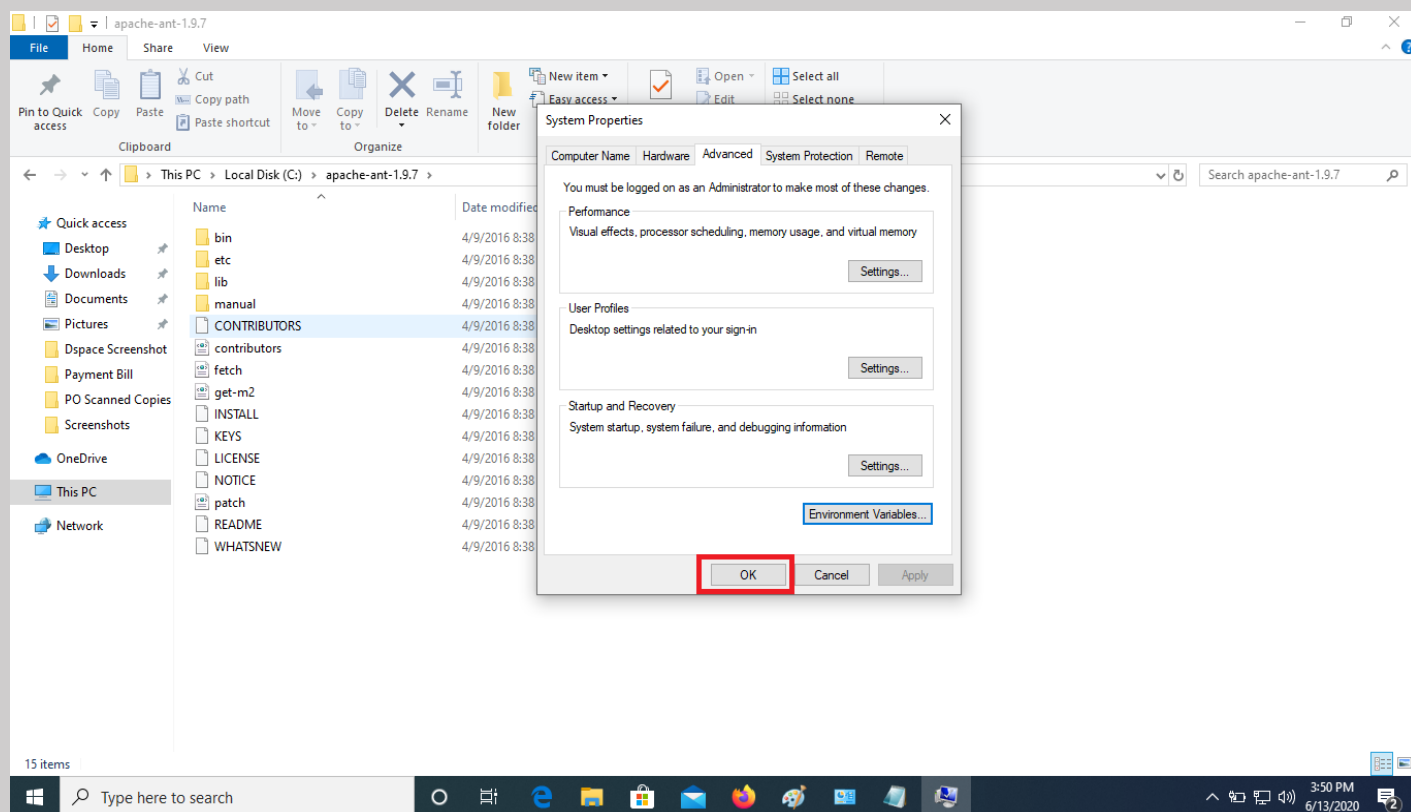
Type "ANT_HOME" in Variable name and give the path C:\apache-ant-1.9.7 in Variable value and click on ok.



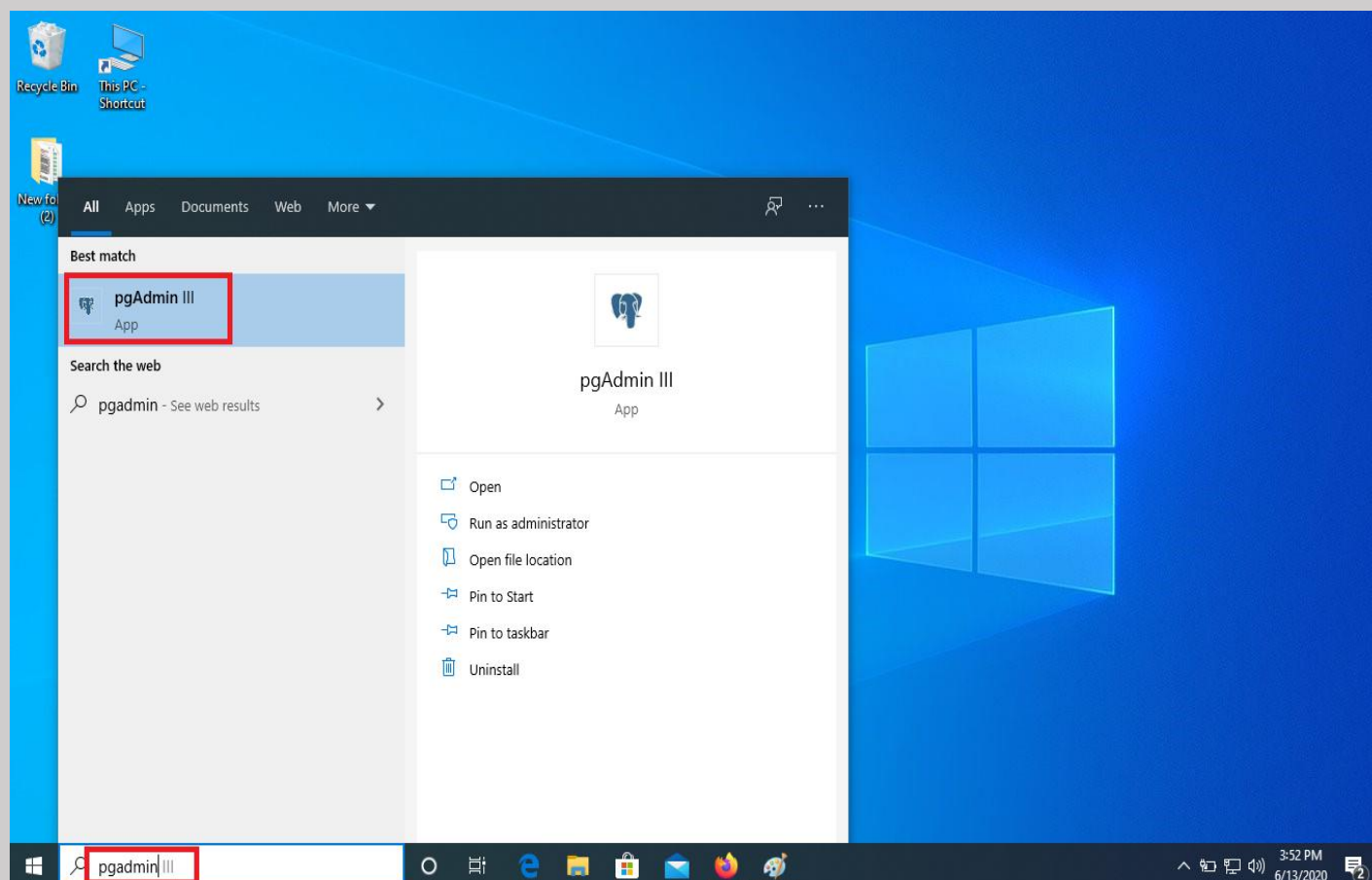
Now we have created both User variables and System variables, click on ok button.



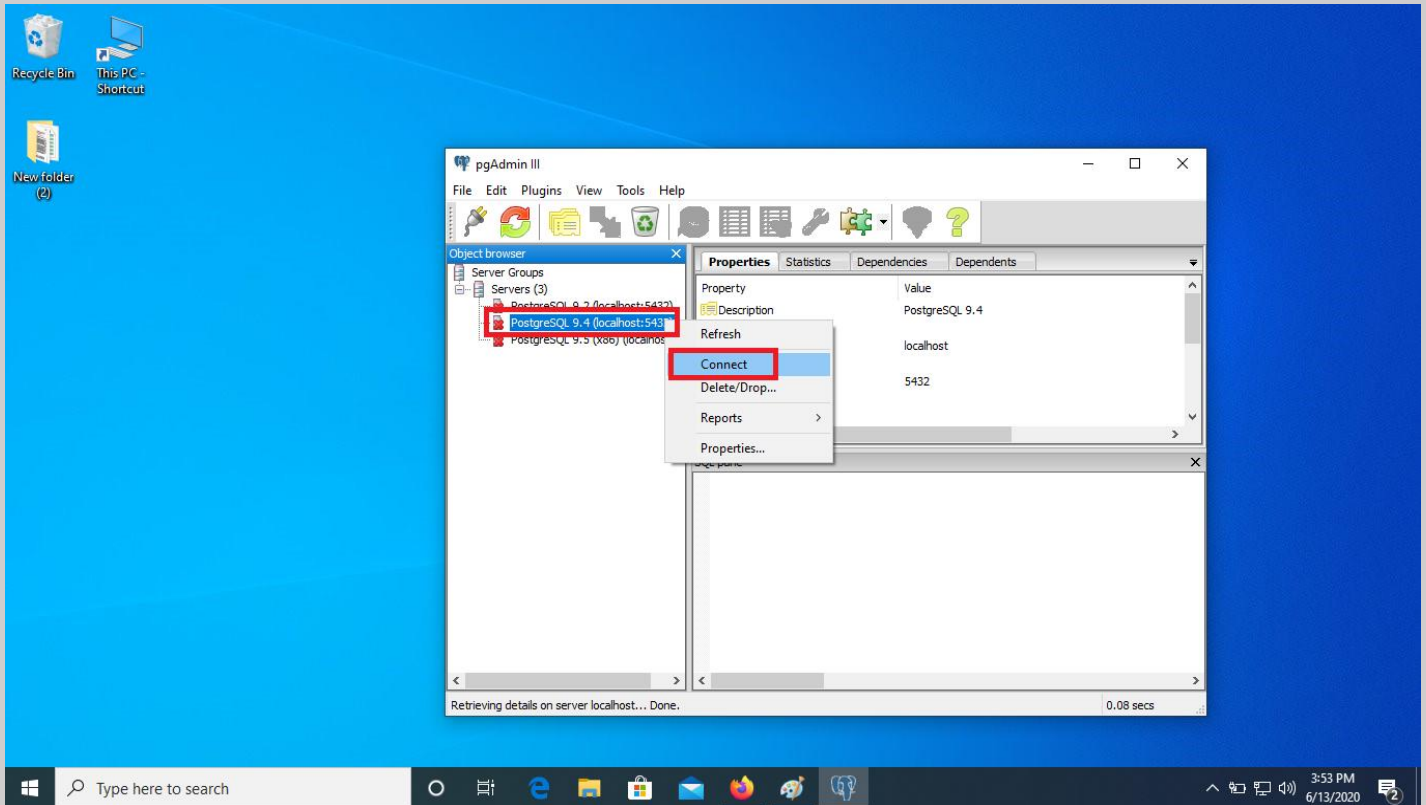
Click on ok button in System Properties.



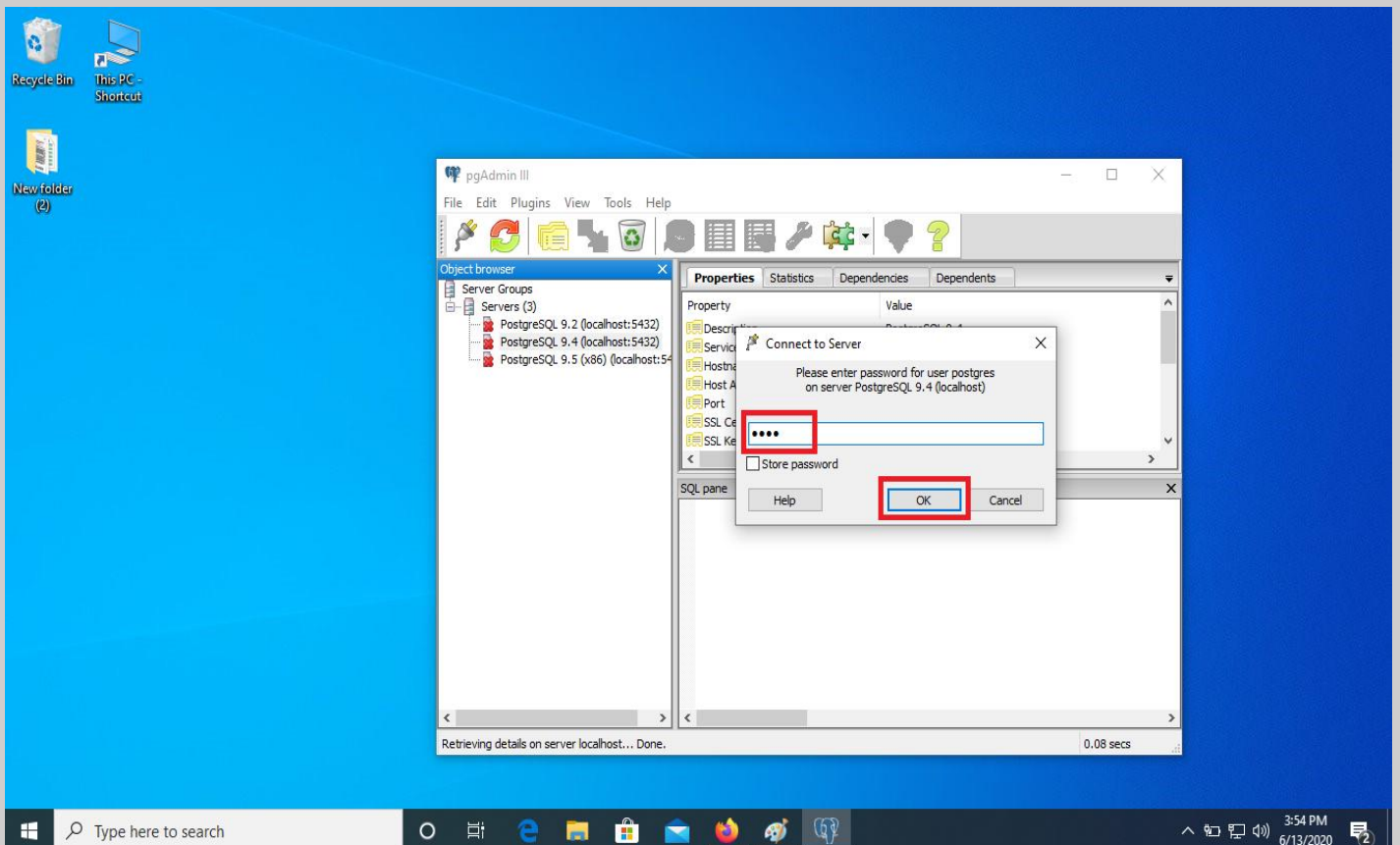
Then go to your windows search box and type “pgadmin”.



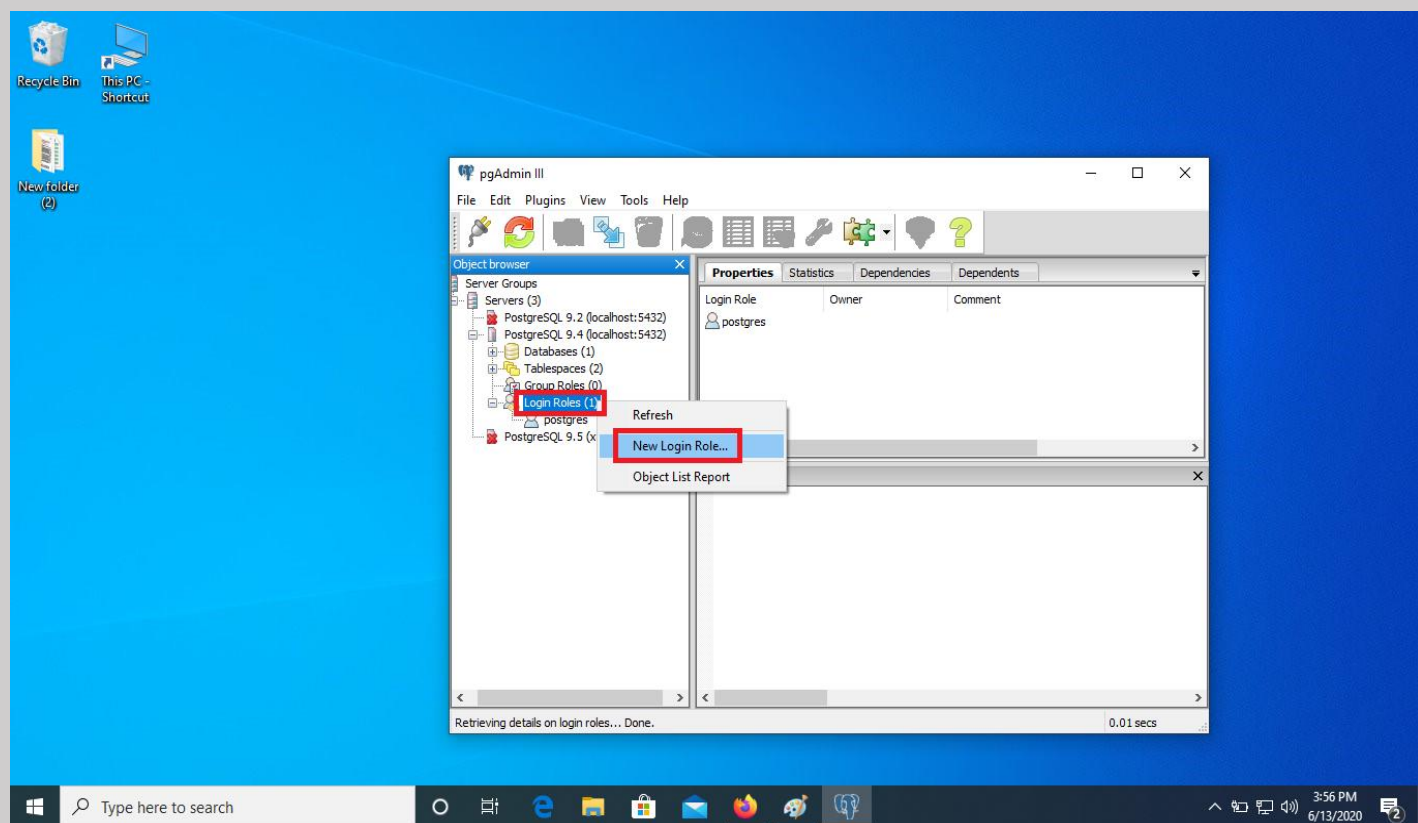
Check your postgresql version by going through the path: **C:\Program Files\PostgreSQL** in my case the version is 9.4, so right click on the option and select “Connect” or you can double click on the option.



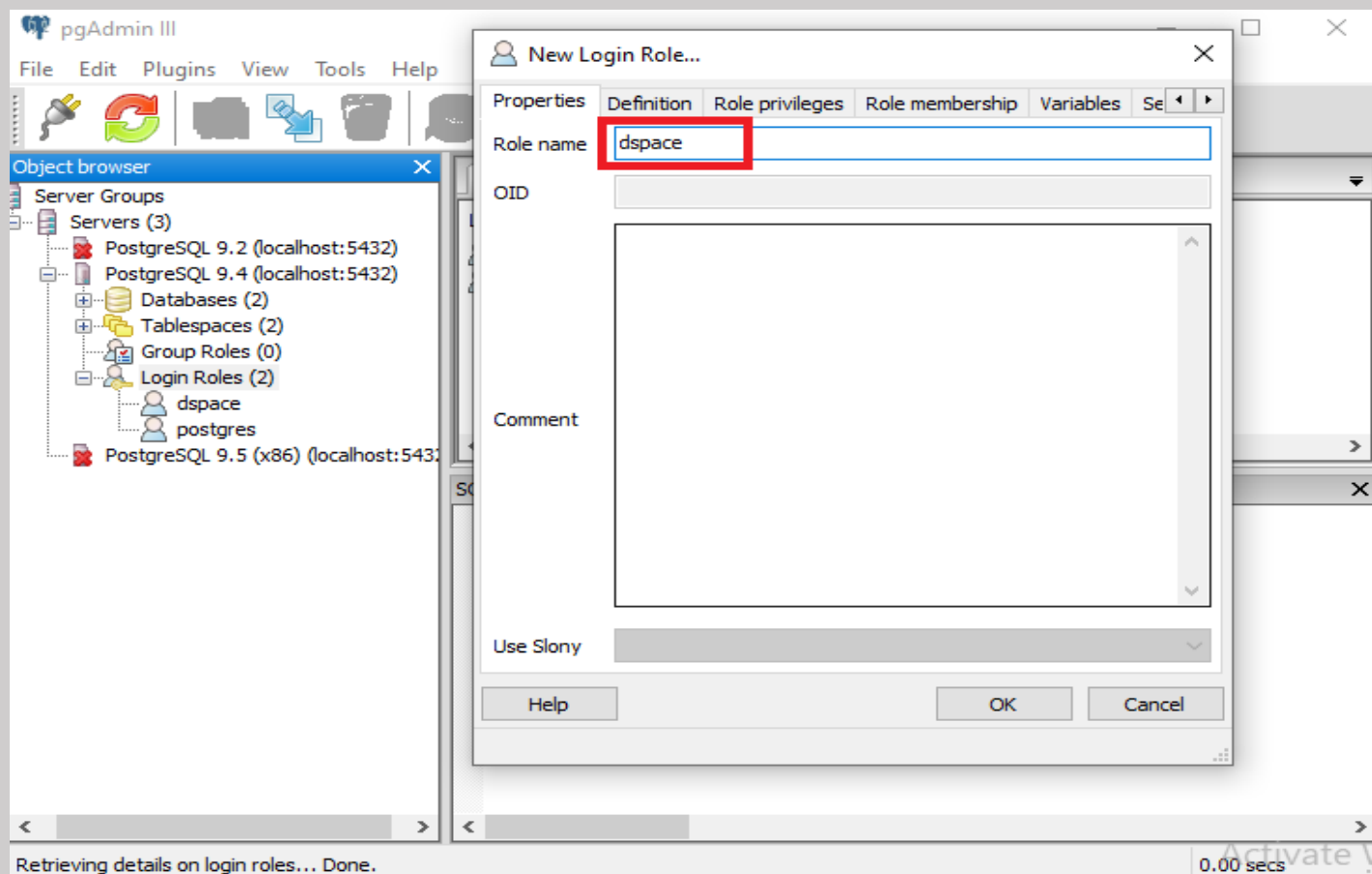
Give the password that was already set at the time of installation and click on ok button.



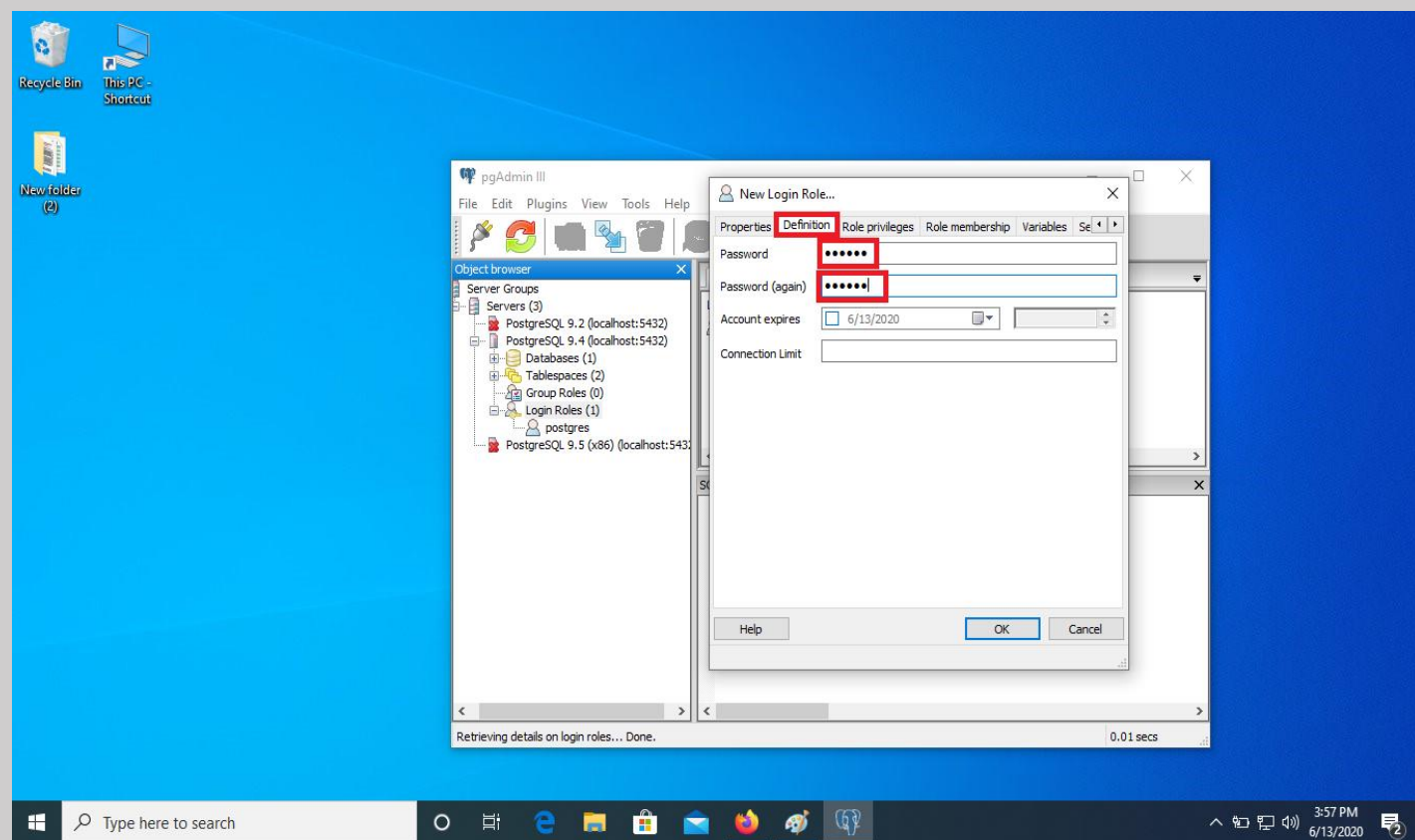
Right click on **“Login Roles”** and select **“New Login Roles”**.



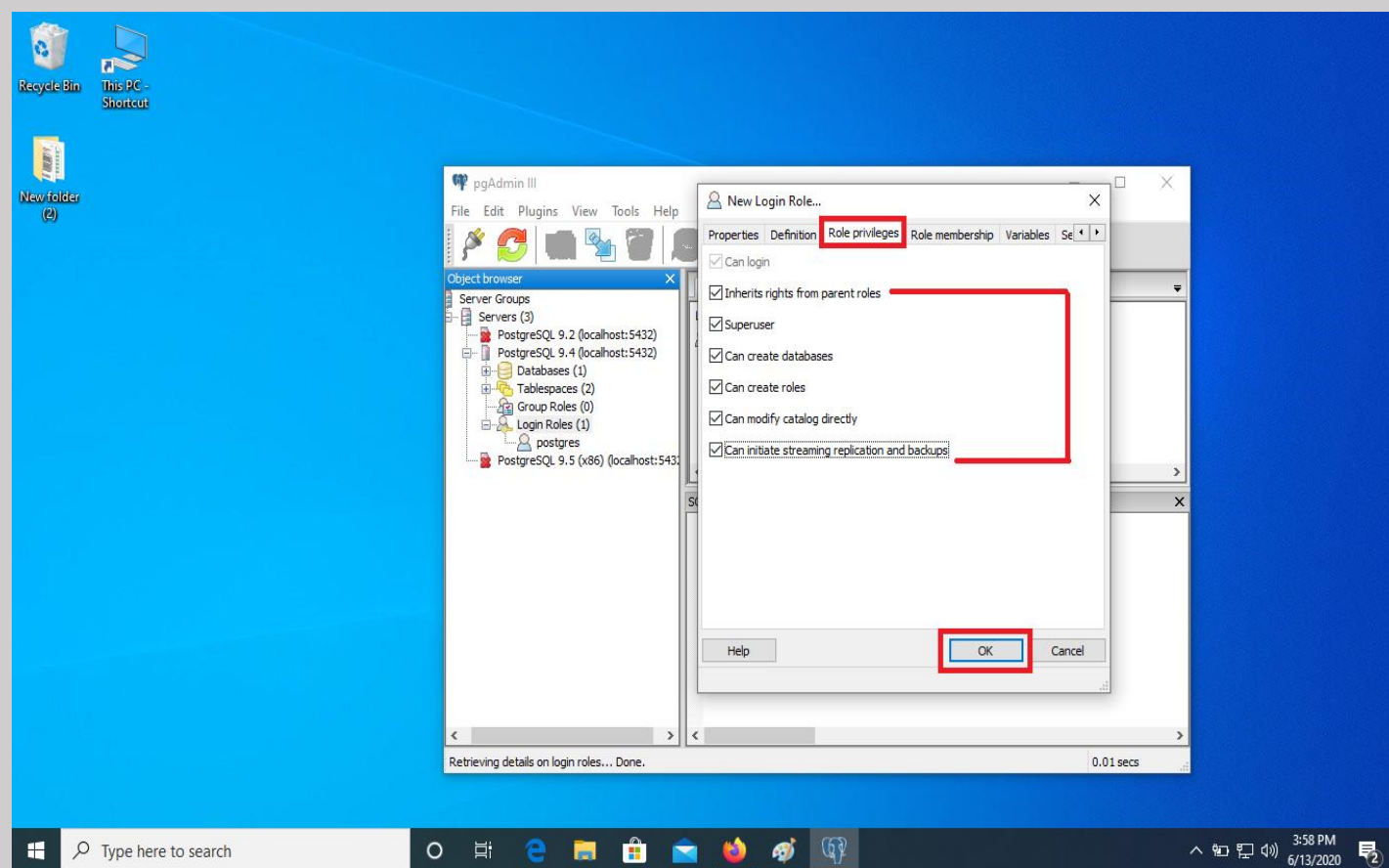
Type **“dspace”** in Role name in properties option.



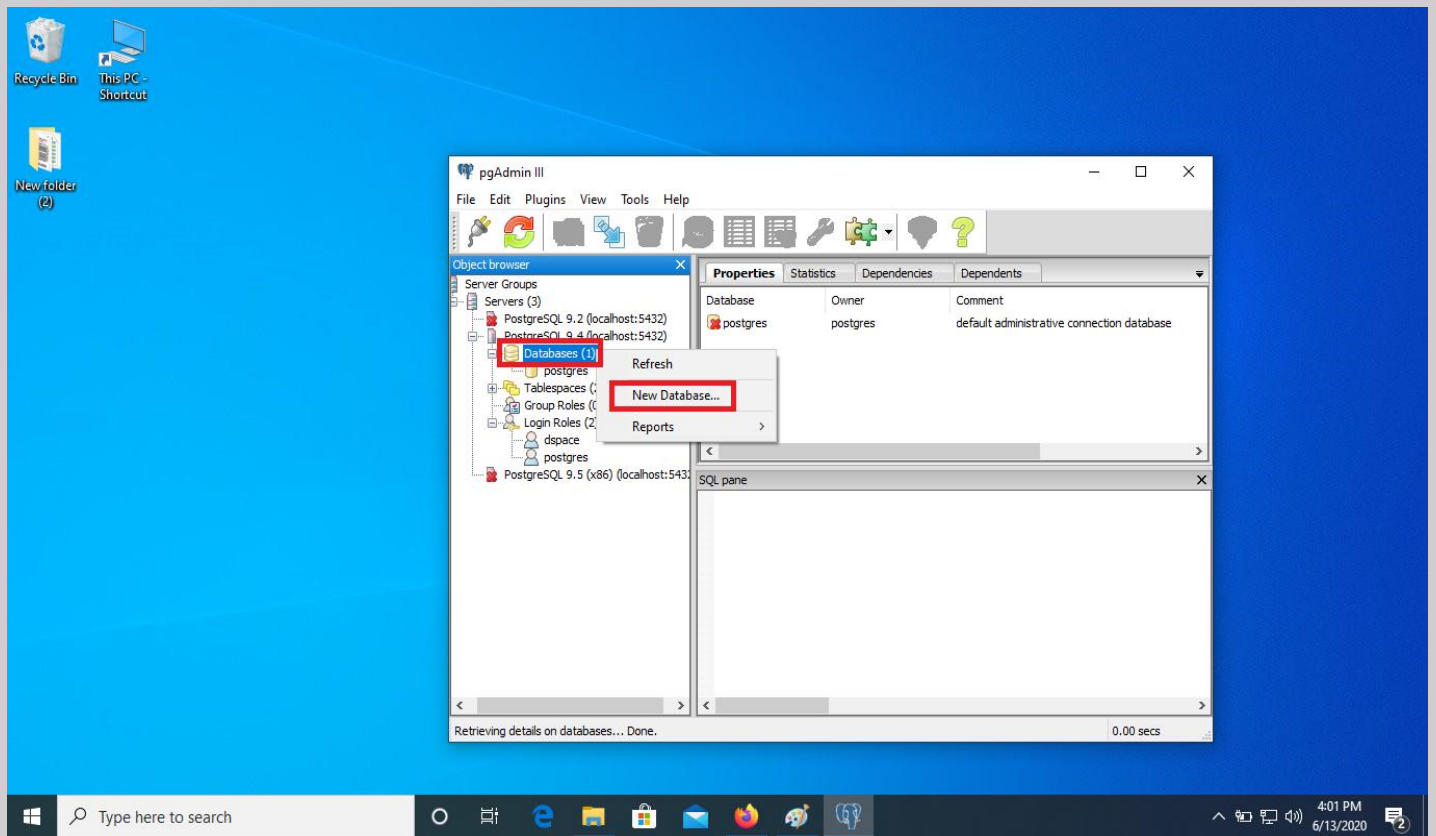
Set the password for ex: "dspace" in Definition option.



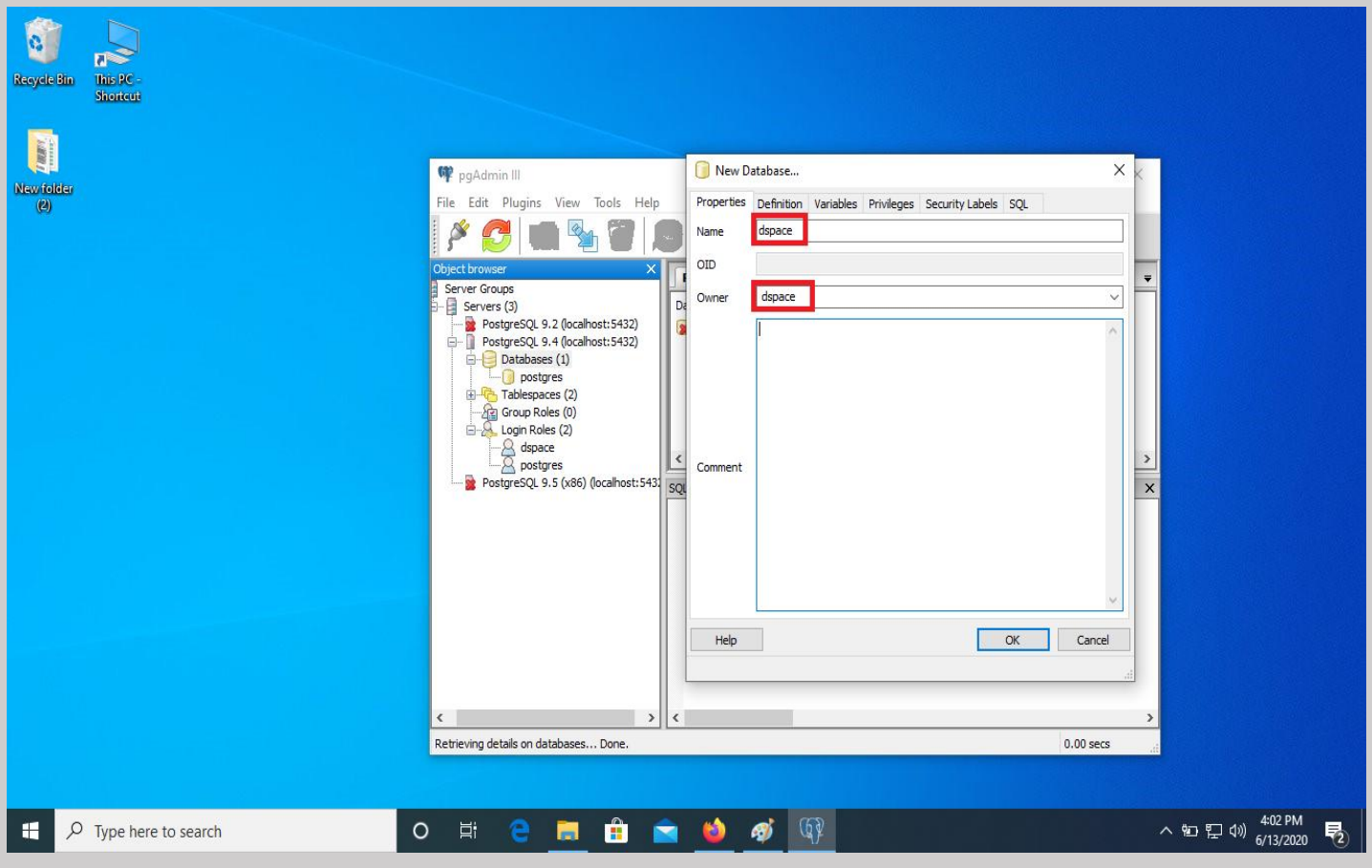
Select all the options in Role privileges and click on ok.



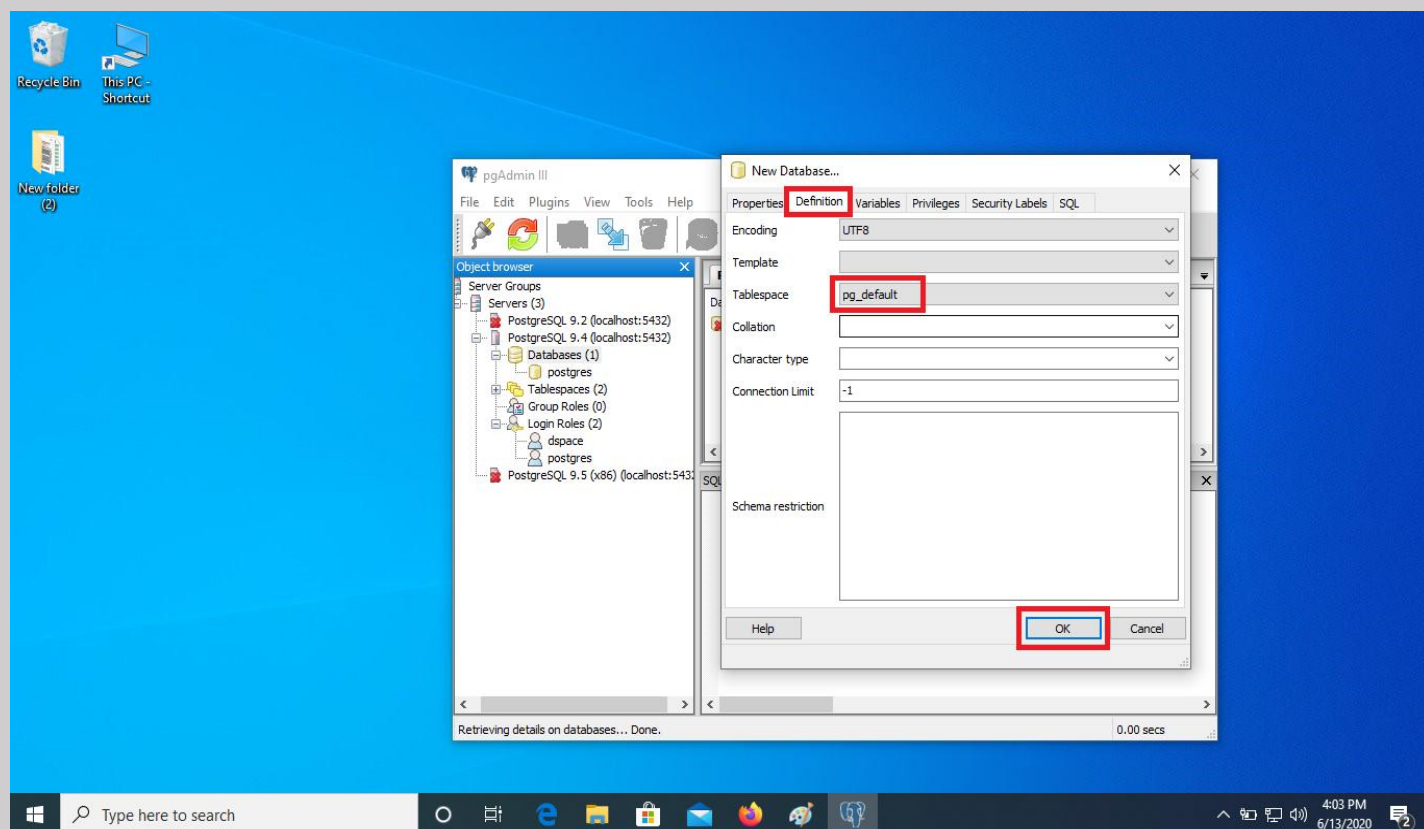
Then right click on “**Databases**” and select “**New Database**” option.



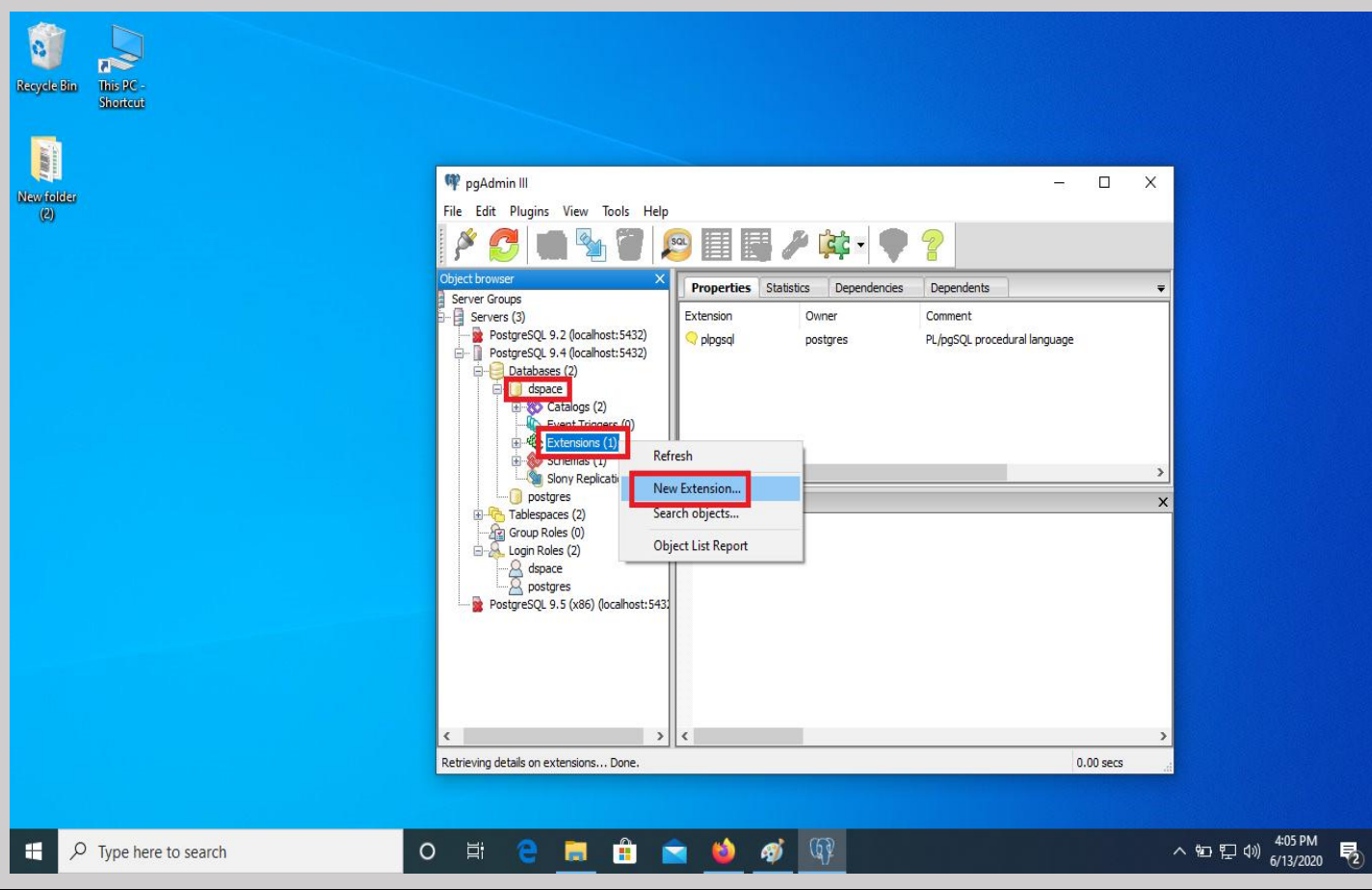
Type “**dspace**” in Name box and choose dspace in Owner drop down option.



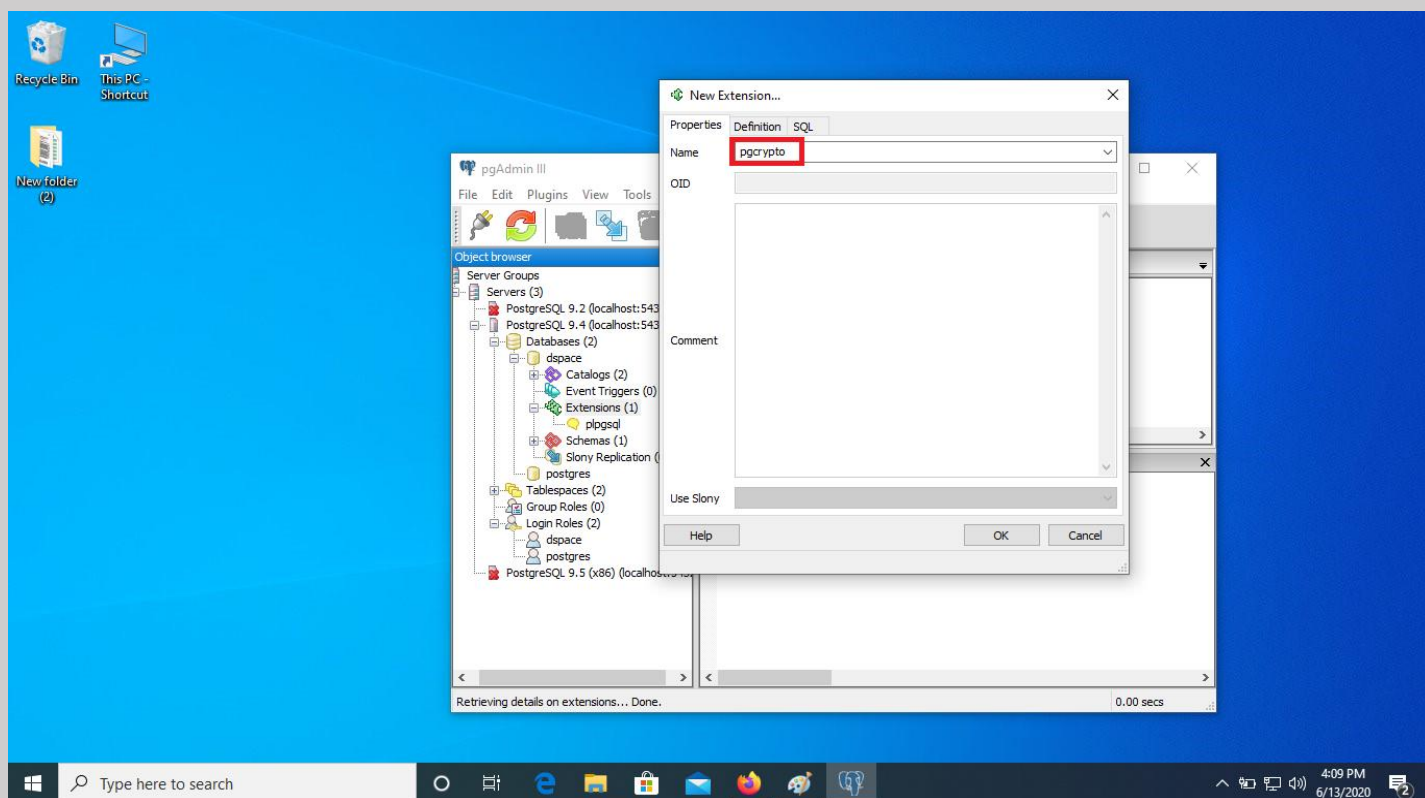
In Definition option choose “**pg_default**” from Tablespace drop down option and click on ok button.



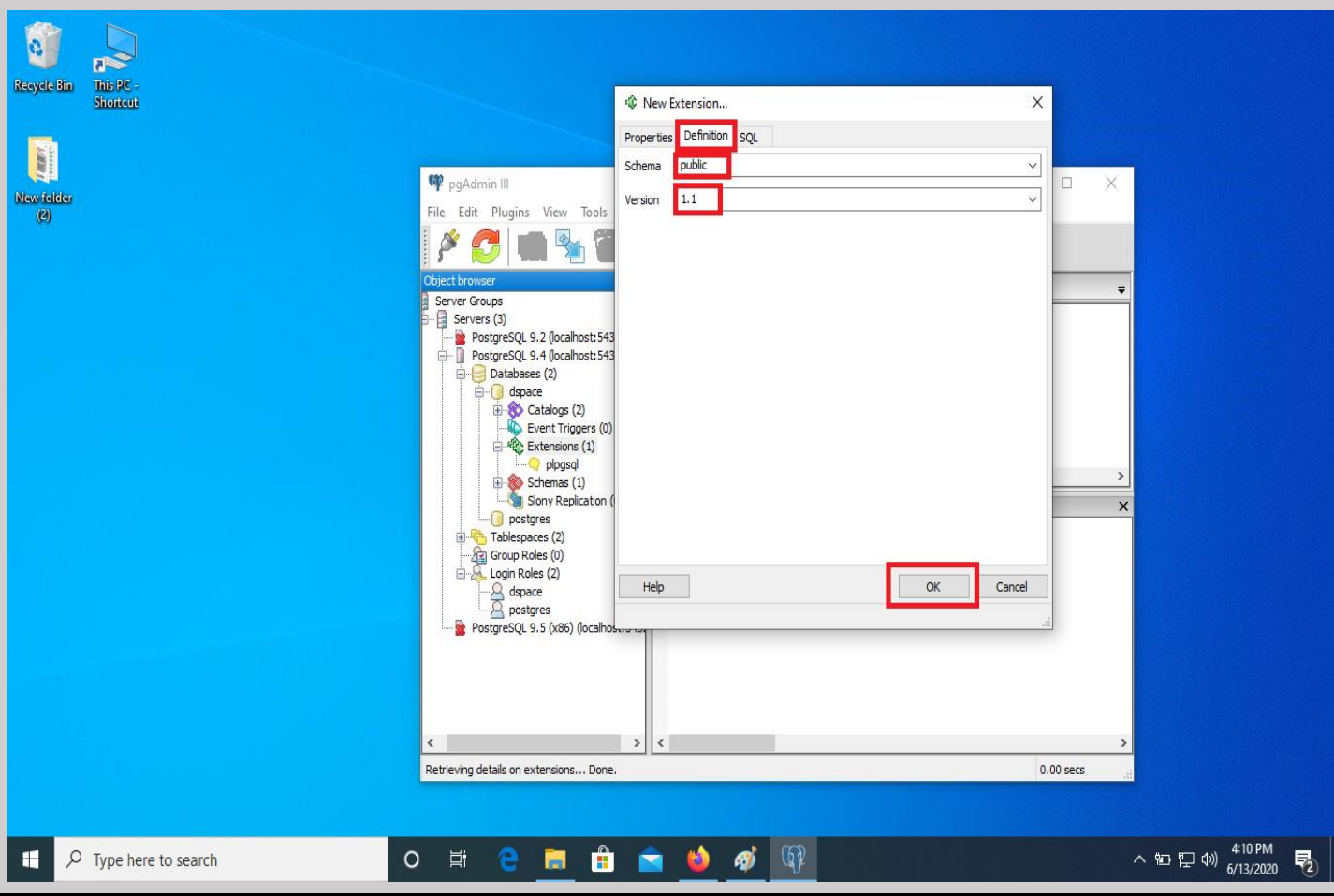
Then go to Database-dspace-Extensions. Right click on Extensions and select “**New Extension**”.



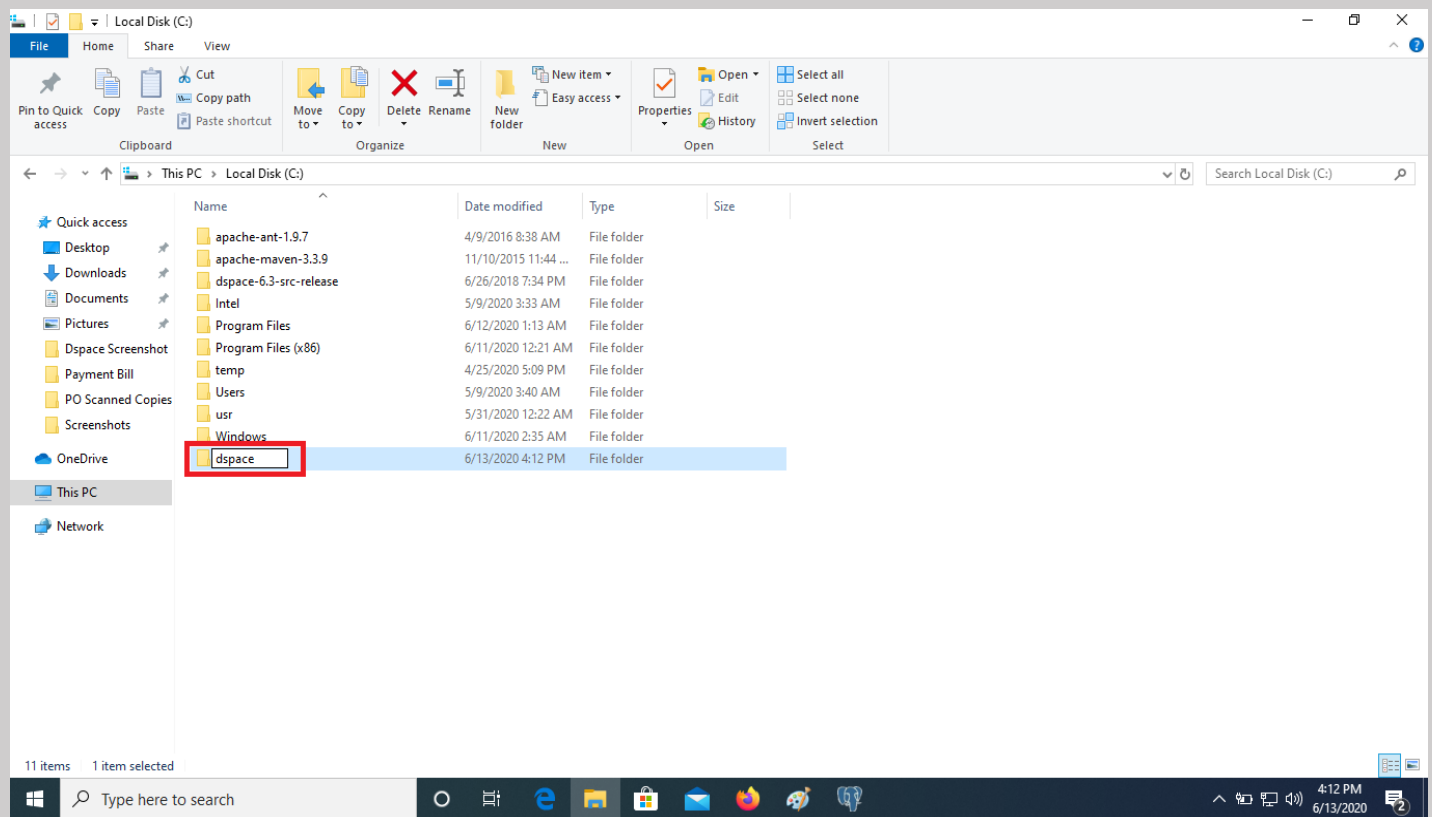
Select “**pgcrypto**” from the drop down option.



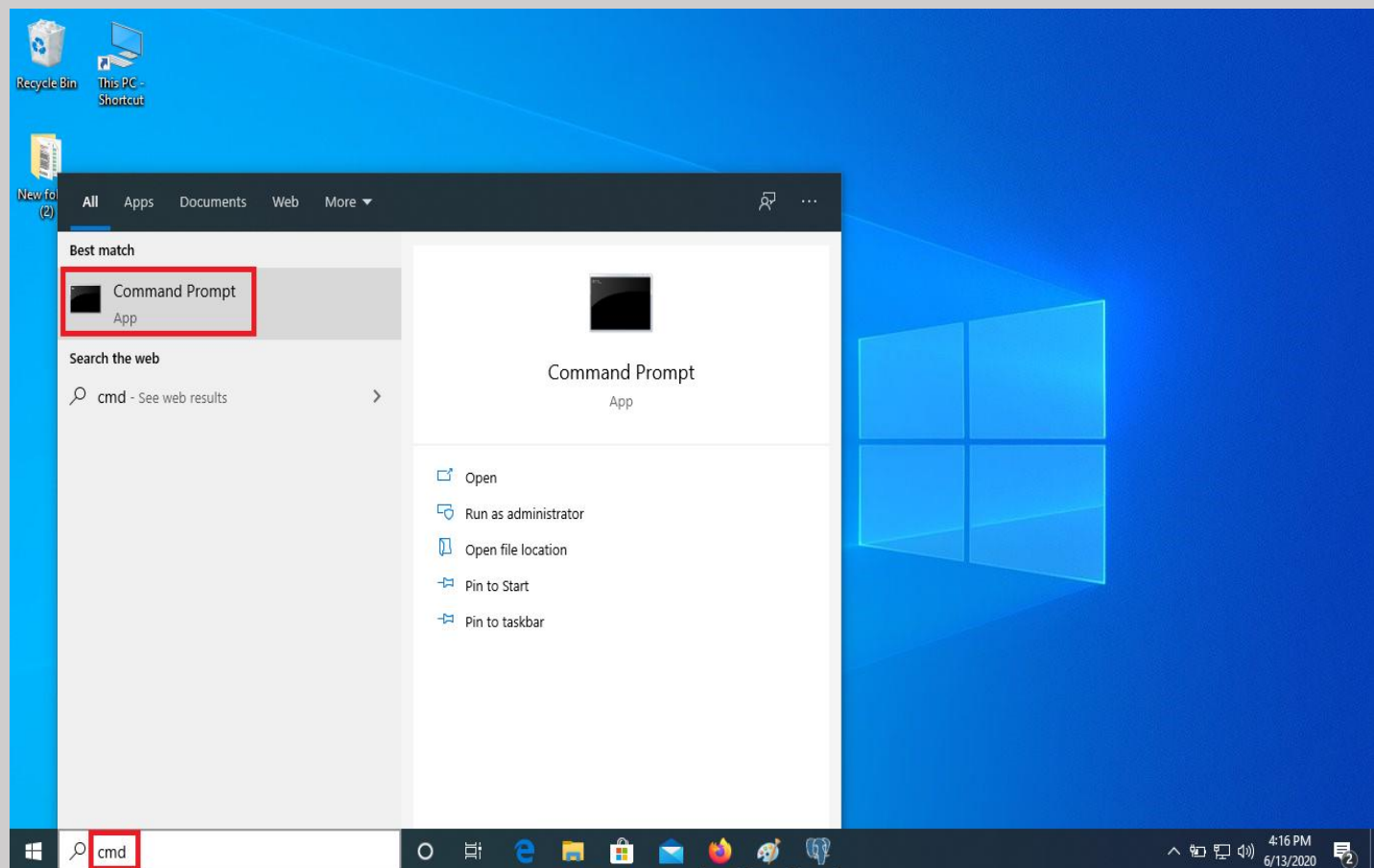
In Definition option choose “**public**” in schema drop down option and select the version and then click on ok.



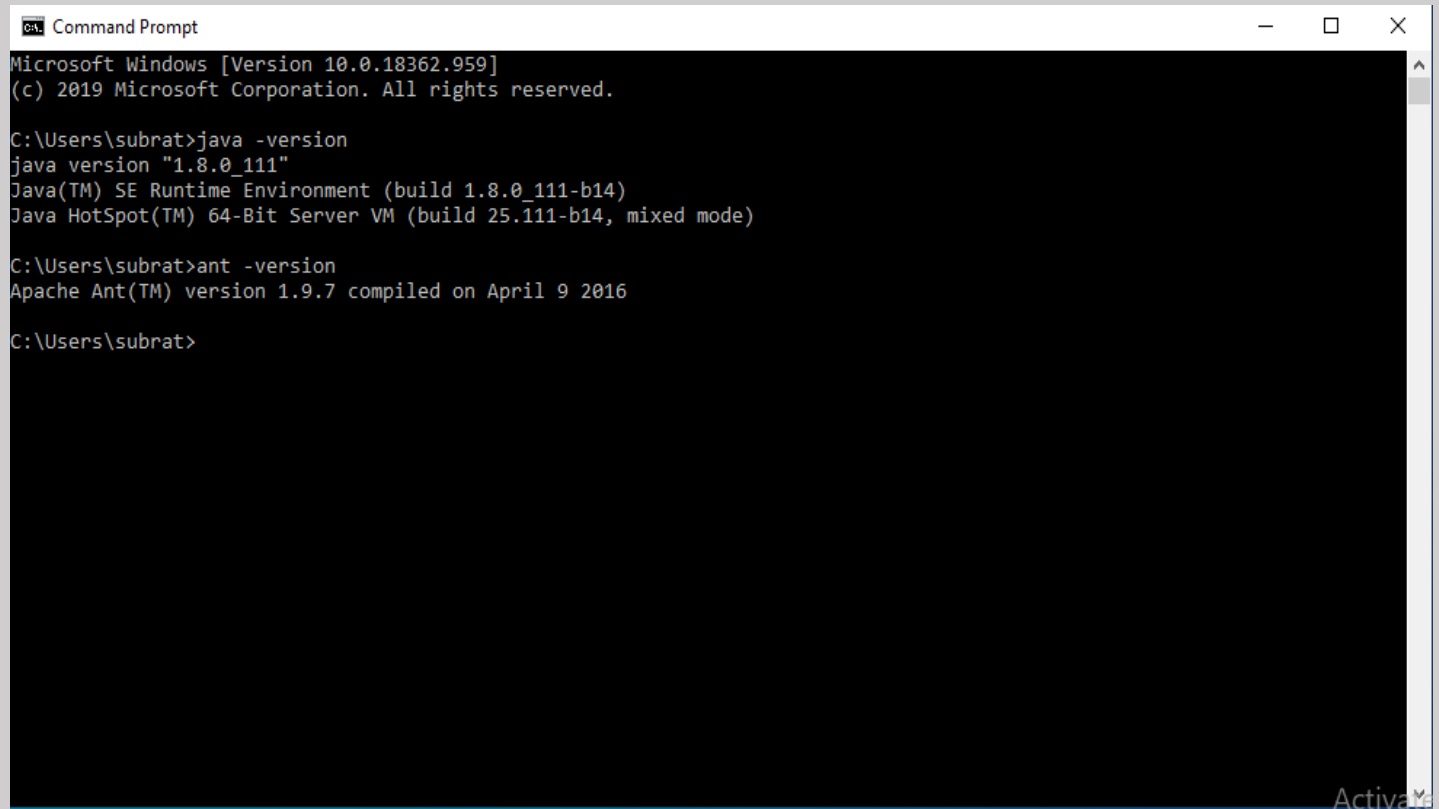
Create a folder naming “**dspace**” in C:\ drive.



Go to your windows search box and type “**cmd**” for Command Prompt and select it.



Type command **"java -version"** for checking the status of java version and then following by **"ant -version"**



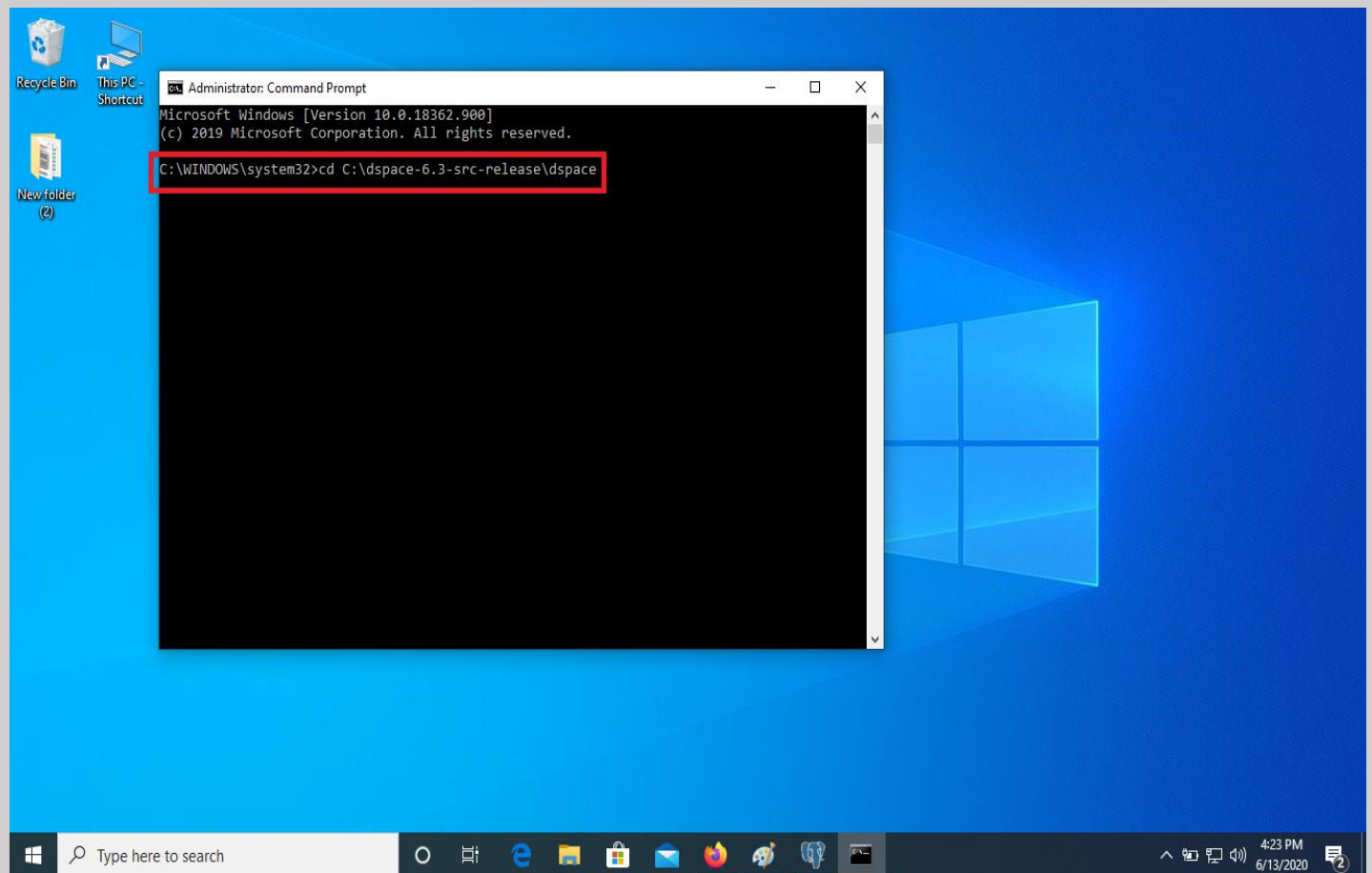
```
Command Prompt
Microsoft Windows [Version 10.0.18362.959]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\subrat>java -version
java version "1.8.0_111"
Java(TM) SE Runtime Environment (build 1.8.0_111-b14)
Java HotSpot(TM) 64-Bit Server VM (build 25.111-b14, mixed mode)

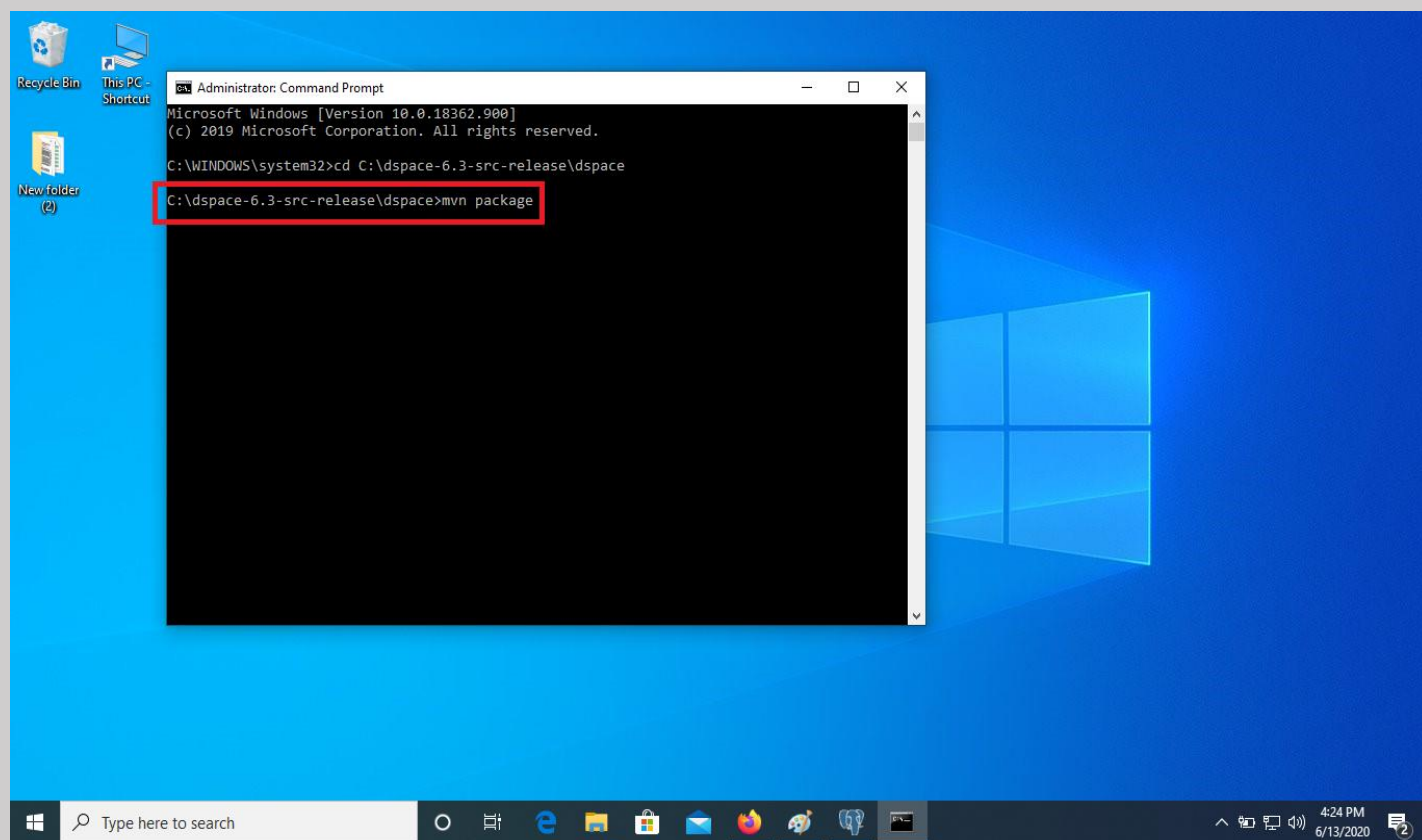
C:\Users\subrat>ant -version
Apache Ant(TM) version 1.9.7 compiled on April 9 2016

C:\Users\subrat>
```

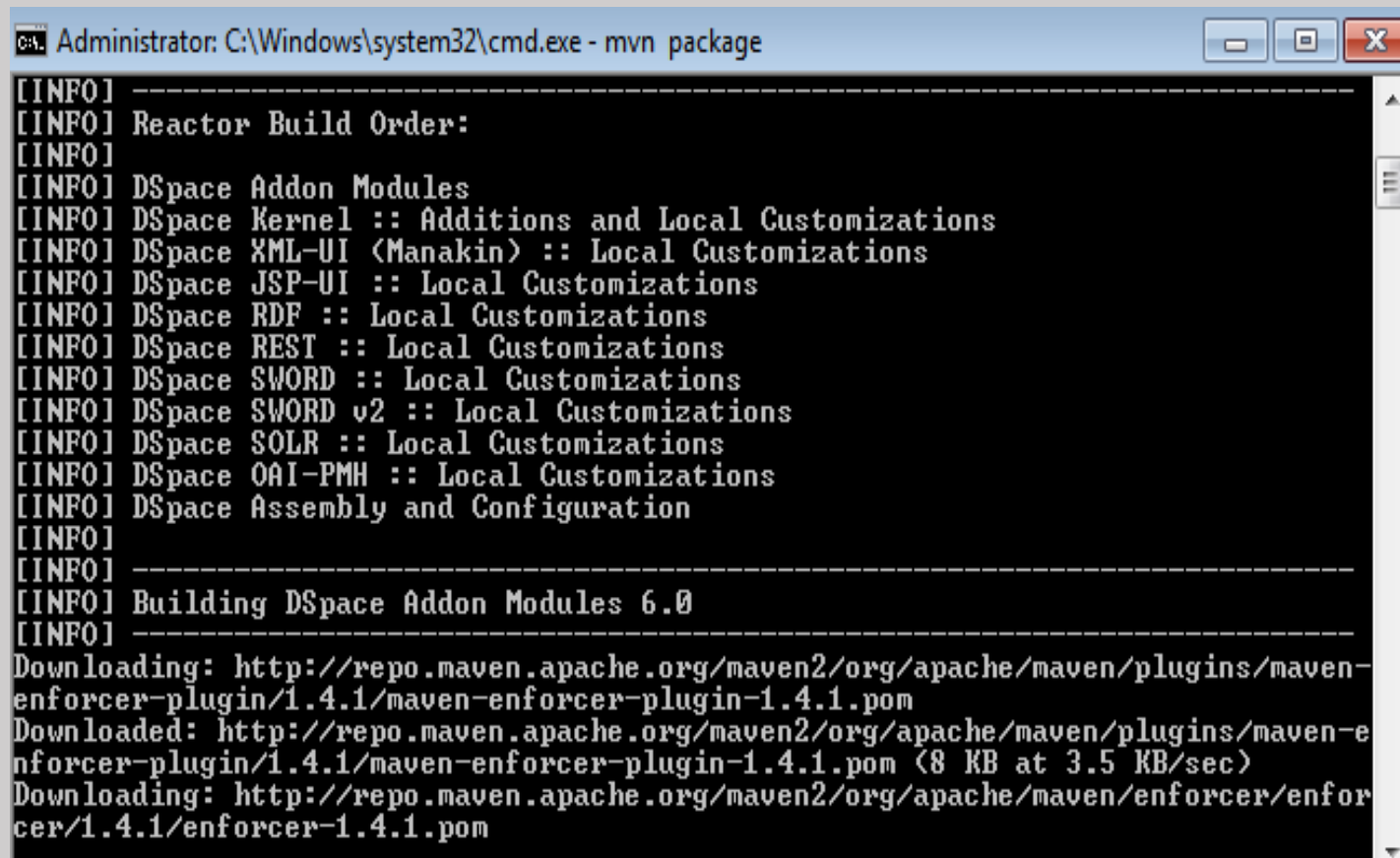
Type **cd C:\dspace-6.3-src-release\dspace** to change the directory.



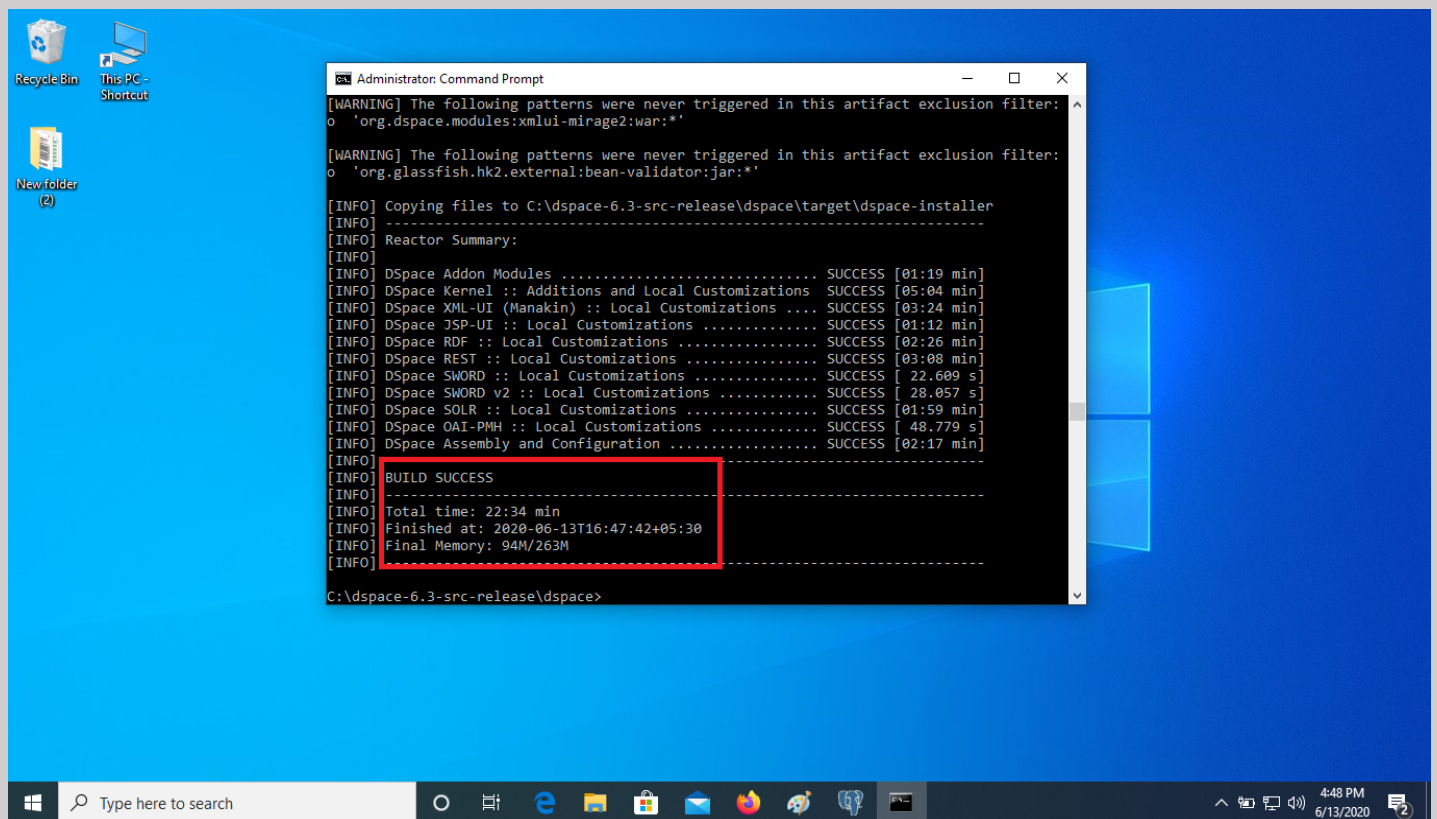
Now we have to install maven package for dspace. To do that type **mvn package** and press enter key.



It will take long time depending upon your internet speed.



Now the build process is successful.



```
Administrator: Command Prompt

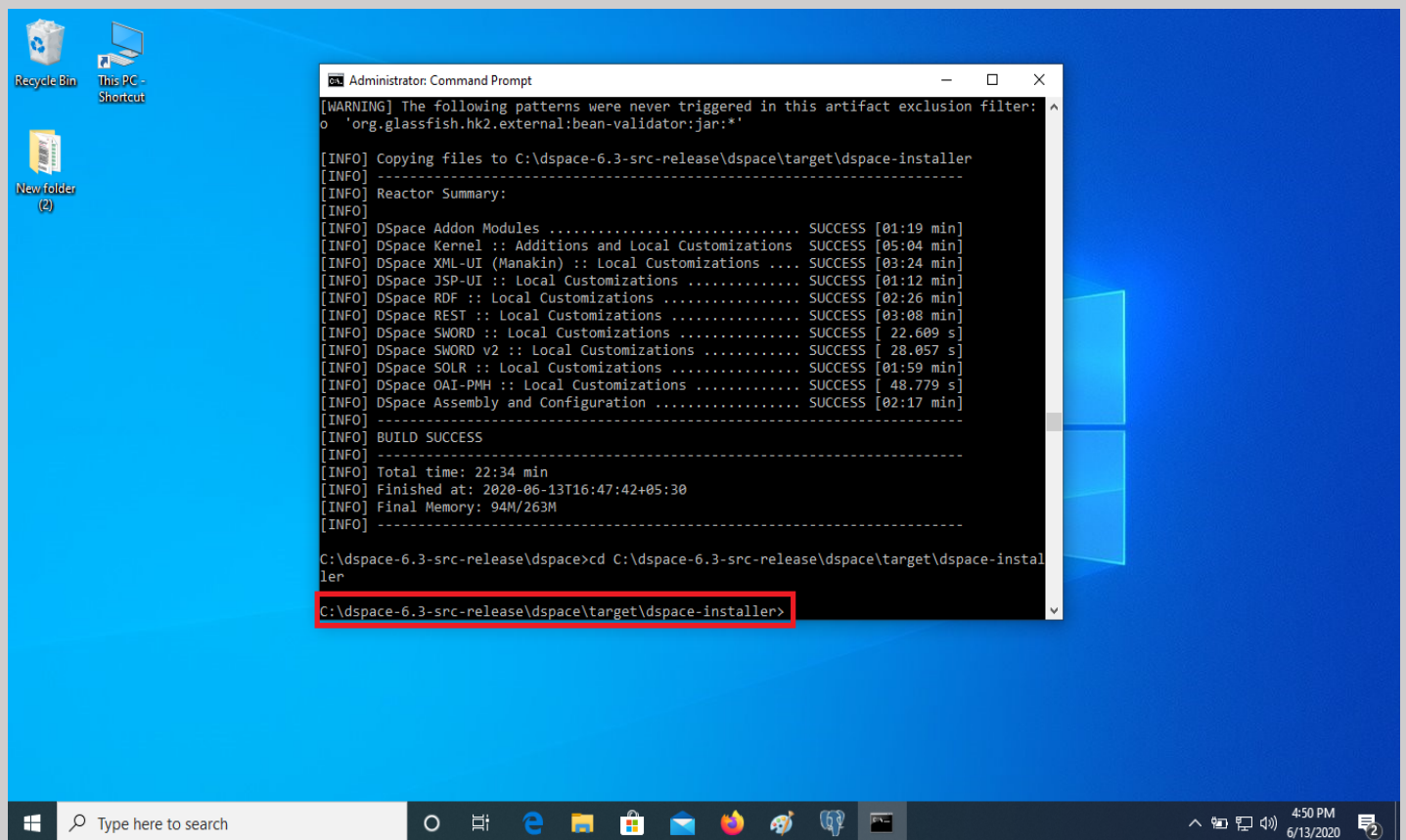
[WARNING] The following patterns were never triggered in this artifact exclusion filter:
o 'org.dspace.modules.xmlui-mirage2:war:*'

[WARNING] The following patterns were never triggered in this artifact exclusion filter:
o 'org.glassfish.hk2.external:bean-validator:jar:*'

[INFO] Copying files to C:\dSPACE-6.3-src-release\dSPACE\target\dSPACE-installer
[INFO] -----
[INFO] Reactor Summary:
[INFO]
[INFO] DSpace Addon Modules ..... SUCCESS [01:19 min]
[INFO] DSpace Kernel :: Additions and Local Customizations SUCCESS [05:04 min]
[INFO] DSpace XML-UI (Manakin) :: Local Customizations ... SUCCESS [03:24 min]
[INFO] DSpace JSP-UI :: Local Customizations ..... SUCCESS [01:12 min]
[INFO] DSpace RDF :: Local Customizations ..... SUCCESS [02:26 min]
[INFO] DSpace REST :: Local Customizations ..... SUCCESS [03:08 min]
[INFO] DSpace SWORD :: Local Customizations ..... SUCCESS [ 22.609 s]
[INFO] DSpace SWORD v2 :: Local Customizations ..... SUCCESS [ 28.057 s]
[INFO] DSpace SOLR :: Local Customizations ..... SUCCESS [01:59 min]
[INFO] DSpace OAI-PMH :: Local Customizations ..... SUCCESS [ 48.779 s]
[INFO] DSpace Assembly and Configuration ..... SUCCESS [02:17 min]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 22:34 min
[INFO] Finished at: 2020-06-13T16:47:42+05:30
[INFO] Final Memory: 94M/263M
[INFO] -----

C:\dSPACE-6.3-src-release\dSPACE>
```

Then we need to install ant package for dSPACE. To do that first change the directory from **cd C:\dSPACE-6.3-src-release\dSPACE** to **cd C:\dSPACE-6.3-src-release\dSPACE\target\dSPACE-installer** and press enter key.



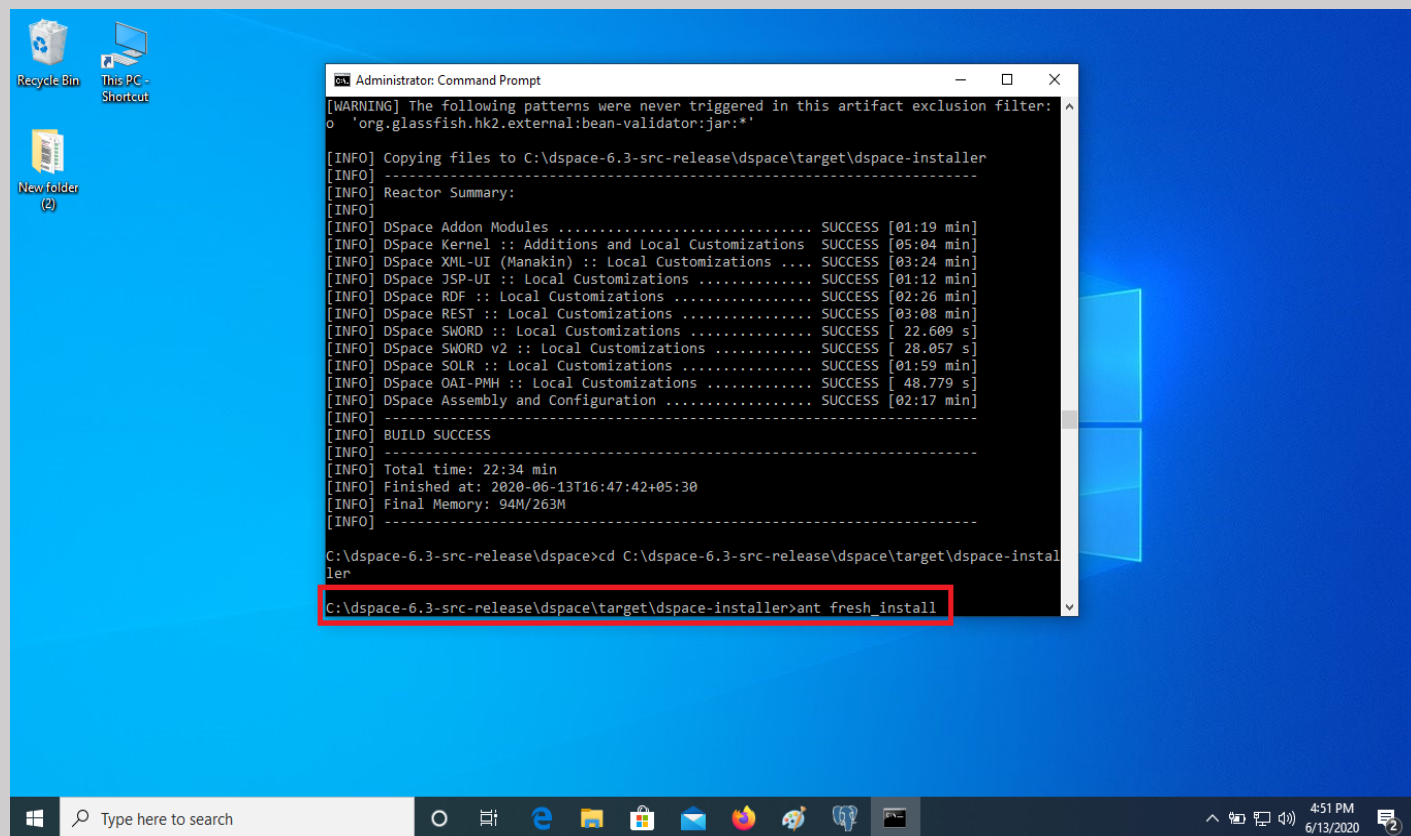
```
Administrator: Command Prompt

[WARNING] The following patterns were never triggered in this artifact exclusion filter:
o 'org.glassfish.hk2.external:bean-validator:jar:*'

[INFO] Copying files to C:\dSPACE-6.3-src-release\dSPACE\target\dSPACE-installer
[INFO] -----
[INFO] Reactor Summary:
[INFO]
[INFO] DSpace Addon Modules ..... SUCCESS [01:19 min]
[INFO] DSpace Kernel :: Additions and Local Customizations SUCCESS [05:04 min]
[INFO] DSpace XML-UI (Manakin) :: Local Customizations ... SUCCESS [03:24 min]
[INFO] DSpace JSP-UI :: Local Customizations ..... SUCCESS [01:12 min]
[INFO] DSpace RDF :: Local Customizations ..... SUCCESS [02:26 min]
[INFO] DSpace REST :: Local Customizations ..... SUCCESS [03:08 min]
[INFO] DSpace SWORD :: Local Customizations ..... SUCCESS [ 22.609 s]
[INFO] DSpace SWORD v2 :: Local Customizations ..... SUCCESS [ 28.057 s]
[INFO] DSpace SOLR :: Local Customizations ..... SUCCESS [01:59 min]
[INFO] DSpace OAI-PMH :: Local Customizations ..... SUCCESS [ 48.779 s]
[INFO] DSpace Assembly and Configuration ..... SUCCESS [02:17 min]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 22:34 min
[INFO] Finished at: 2020-06-13T16:47:42+05:30
[INFO] Final Memory: 94M/263M
[INFO] -----

C:\dSPACE-6.3-src-release\dSPACE>cd C:\dSPACE-6.3-src-release\dSPACE\target\dSPACE-installer
C:\dSPACE-6.3-src-release\dSPACE\target\dSPACE-installer>
```

Type **ant fresh_install** and press enter key.

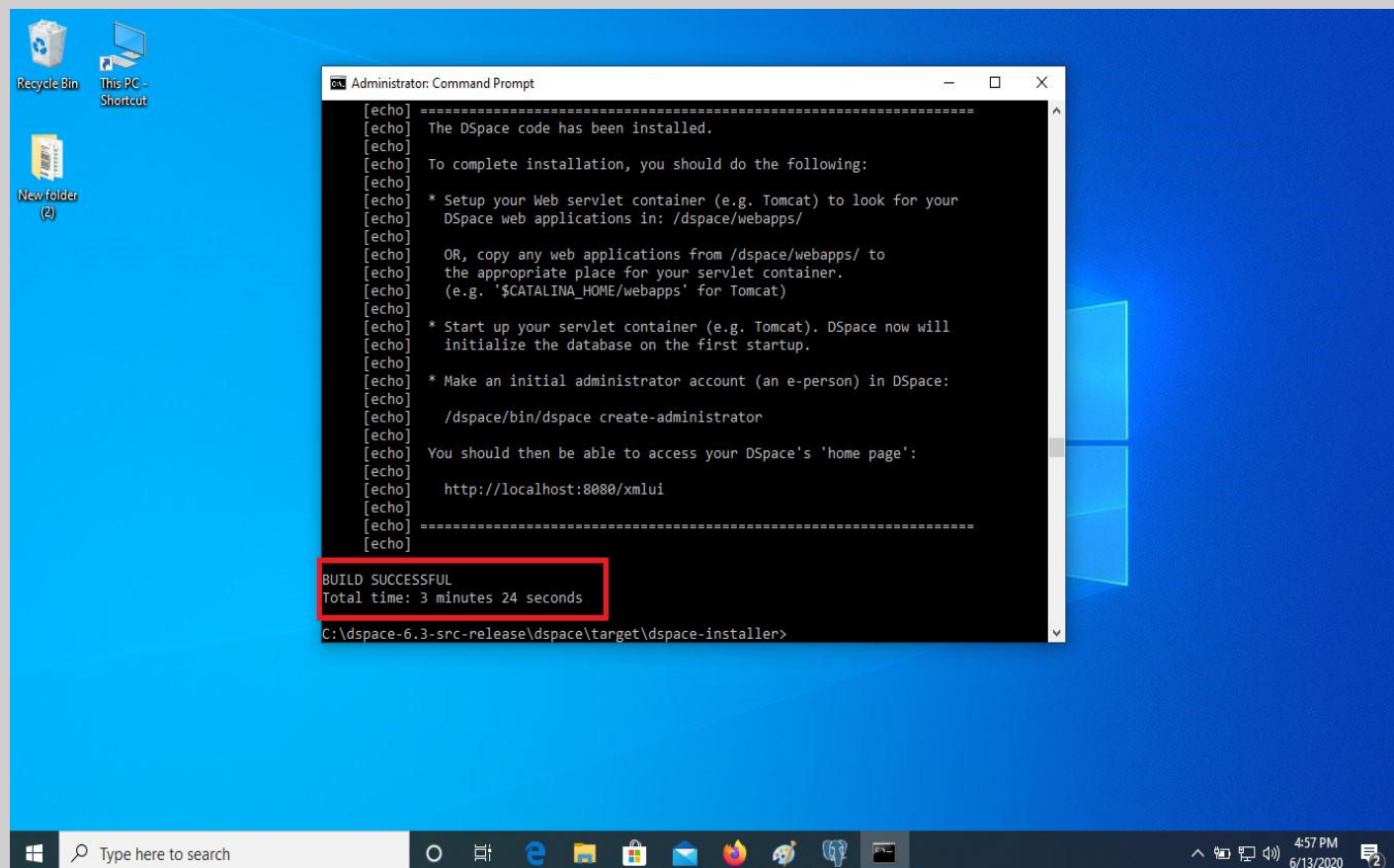


```
Administrator: Command Prompt
[WARNING] The following patterns were never triggered in this artifact exclusion filter:
o 'org.glassfish.hk2.external:bean-validator:jar:*'

[INFO] Copying files to C:\dspace-6.3-src-release\dspace\target\dspace-installer
[INFO] -----
[INFO] Reactor Summary:
[INFO]
[INFO] DSpace Addon Modules ..... SUCCESS [01:19 min]
[INFO] DSpace Kernel :: Additions and Local Customizations SUCCESS [05:04 min]
[INFO] DSpace XML-UI (Manakin) :: Local Customizations .... SUCCESS [03:24 min]
[INFO] DSpace JSP-UI :: Local Customizations ..... SUCCESS [01:12 min]
[INFO] DSpace RDF :: Local Customizations ..... SUCCESS [02:26 min]
[INFO] DSpace REST :: Local Customizations ..... SUCCESS [03:08 min]
[INFO] DSpace SWORD :: Local Customizations ..... SUCCESS [ 22.609 s]
[INFO] DSpace SWORD v2 :: Local Customizations ..... SUCCESS [ 28.057 s]
[INFO] DSpace SOLR :: Local Customizations ..... SUCCESS [01:59 min]
[INFO] DSpace OAI-PMH :: Local Customizations ..... SUCCESS [ 48.779 s]
[INFO] DSpace Assembly and Configuration ..... SUCCESS [02:17 min]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 22:34 min
[INFO] Finished at: 2020-06-13T16:47:42+05:30
[INFO] Final Memory: 94M/263M
[INFO] -----

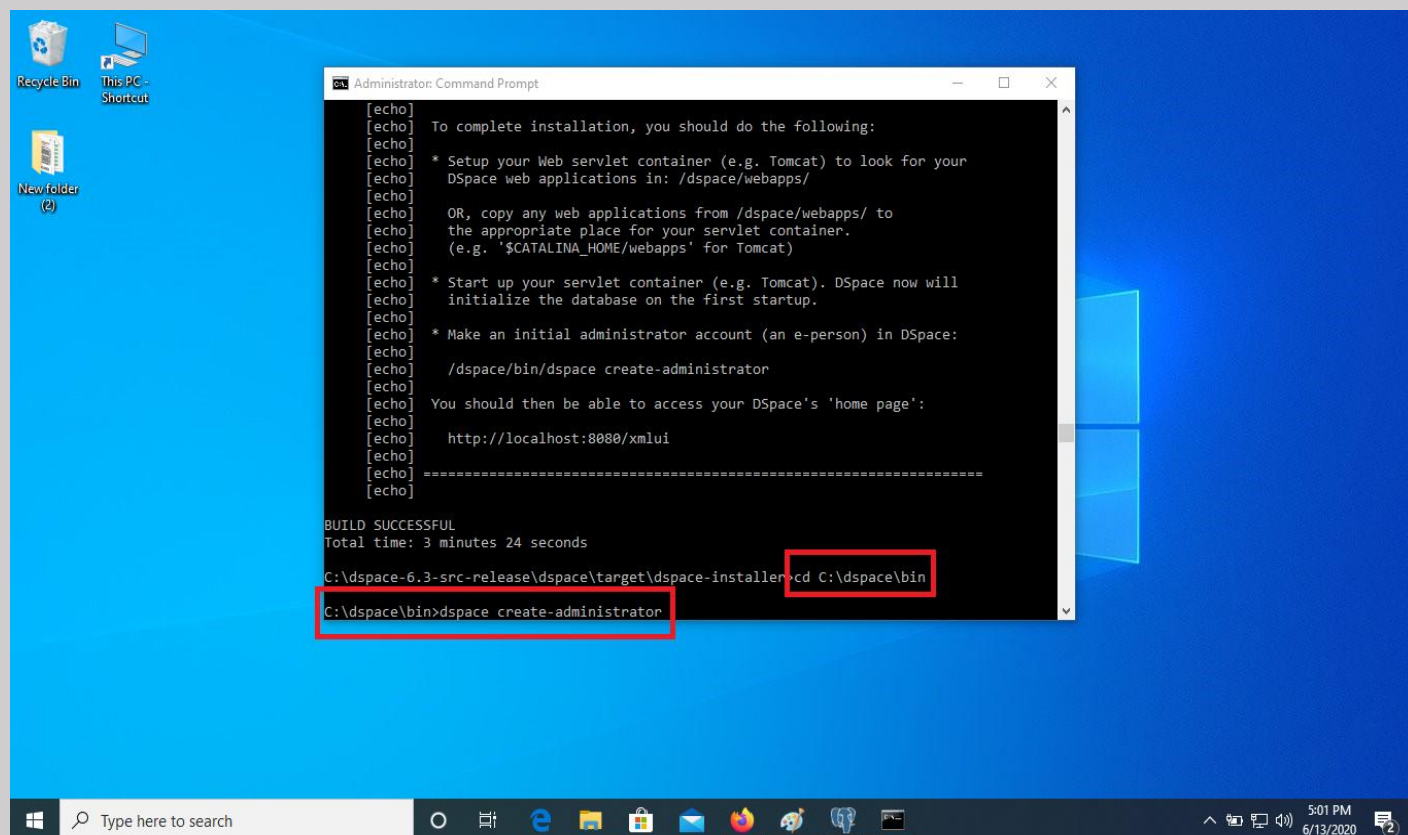
C:\dspace-6.3-src-release\dspace>cd C:\dspace-6.3-src-release\dspace\target\dspace-installer
C:\dspace-6.3-src-release\dspace\target\dspace-installer>ant fresh_install
```

Now the build process is successful.



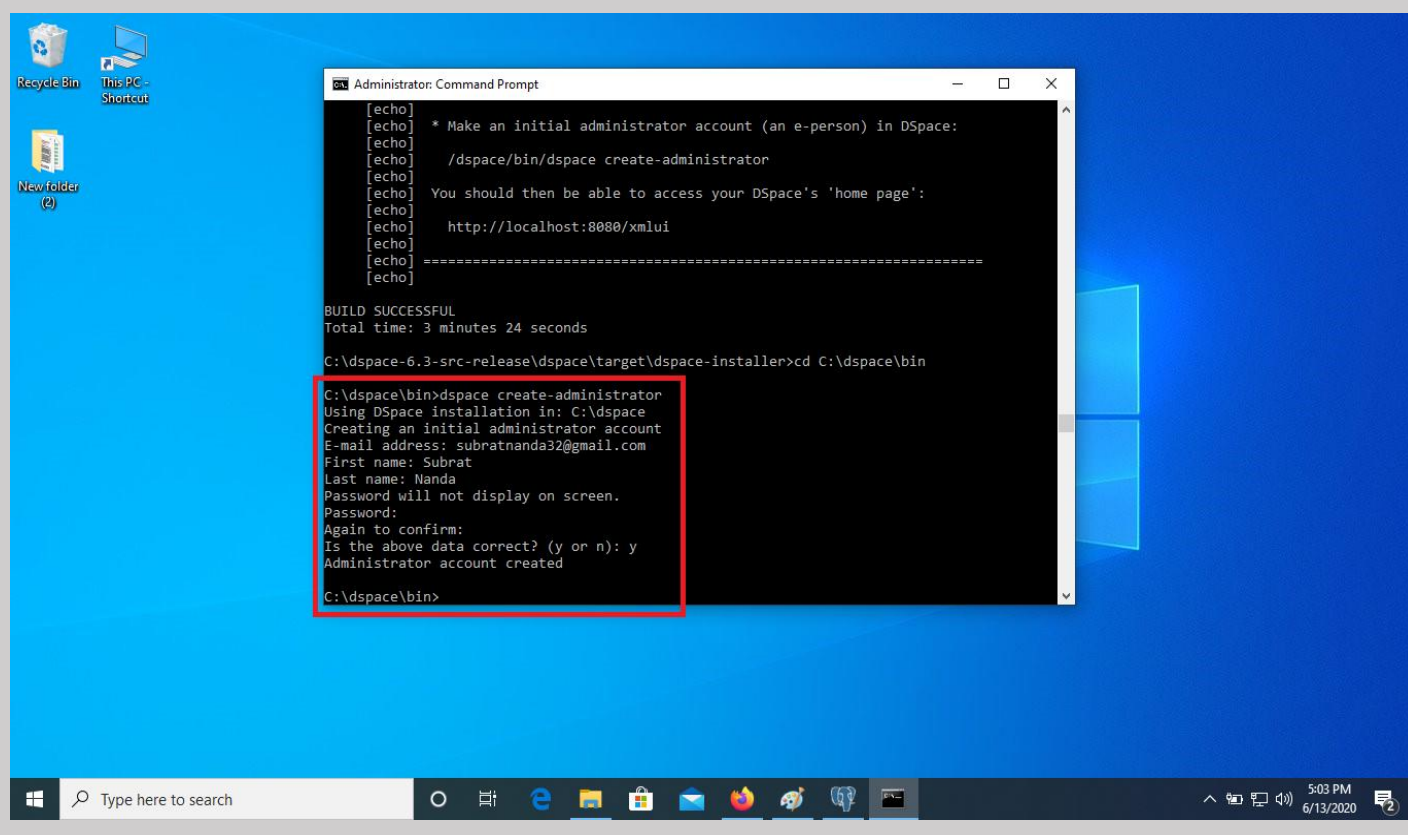
```
Administrator: Command Prompt
[echo] =====
[echo] The DSpace code has been installed.
[echo] =====
[echo] To complete installation, you should do the following:
[echo]
[echo] * Setup your Web servlet container (e.g. Tomcat) to look for your
[echo]   DSpace web applications in: /dspace/webapps/
[echo]
[echo] OR, copy any web applications from /dspace/webapps/ to
[echo] the appropriate place for your servlet container.
[echo] (e.g. '%CATALINA_HOME/webapps' for Tomcat)
[echo]
[echo] * Start up your servlet container (e.g. Tomcat). DSpace now will
[echo]   initialize the database on the first startup.
[echo]
[echo] * Make an initial administrator account (an e-person) in DSpace:
[echo]   /dspace/bin/dspace create-administrator
[echo]
[echo] You should then be able to access your DSpace's 'home page':
[echo]   http://localhost:8080/xmlui
[echo] =====
[echo]
[echo] BUILD SUCCESSFUL
[echo] Total time: 3 minutes 24 seconds
[echo]
C:\dspace-6.3-src-release\dspace\target\dspace-installer>
```

Now change the directory from **cd C:\dSPACE-6.3-src-release\dSPACE\target\dSPACE-installer** to **cd c:\dSPACE\bin** to create administrator in Dspace and then press enter key.



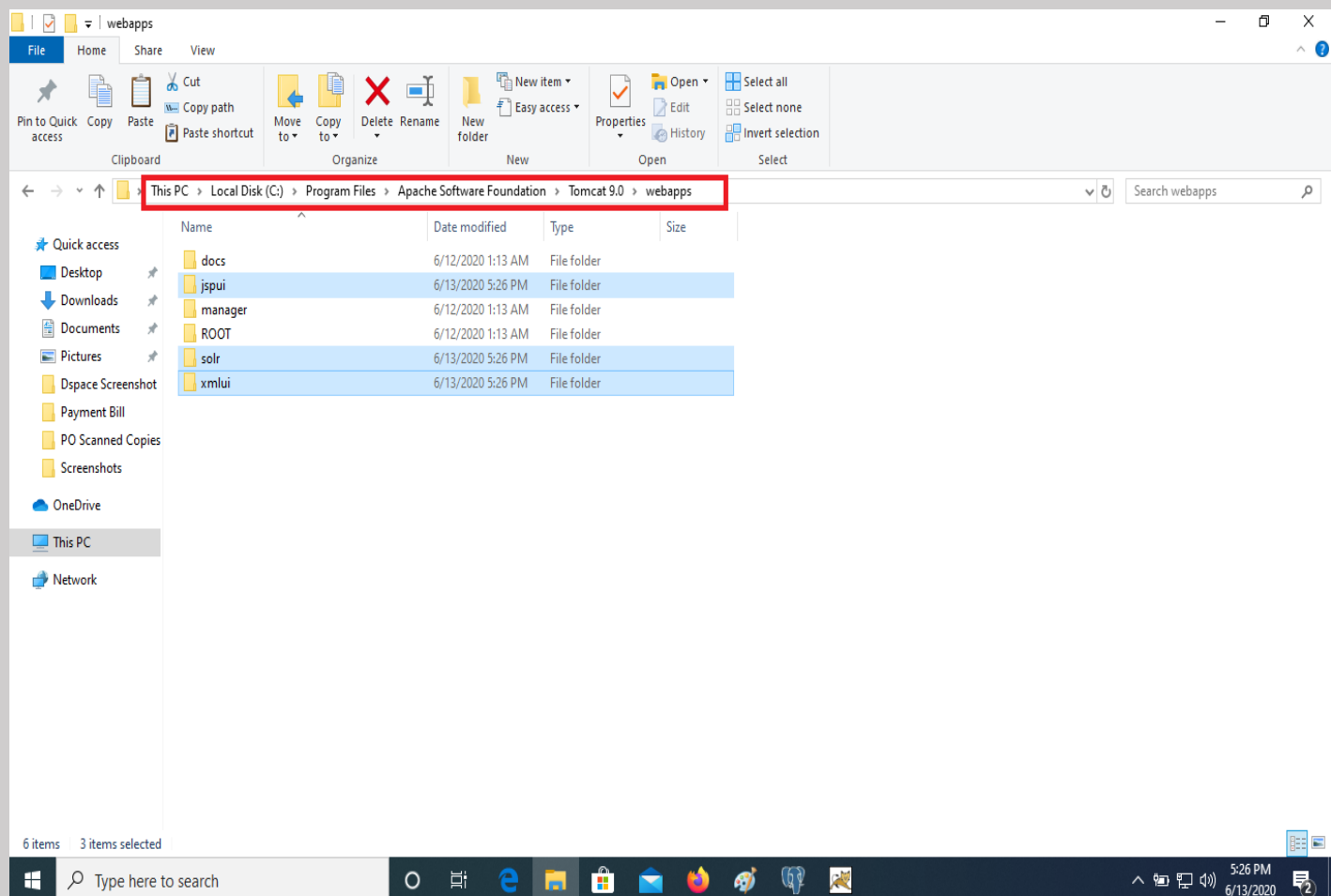
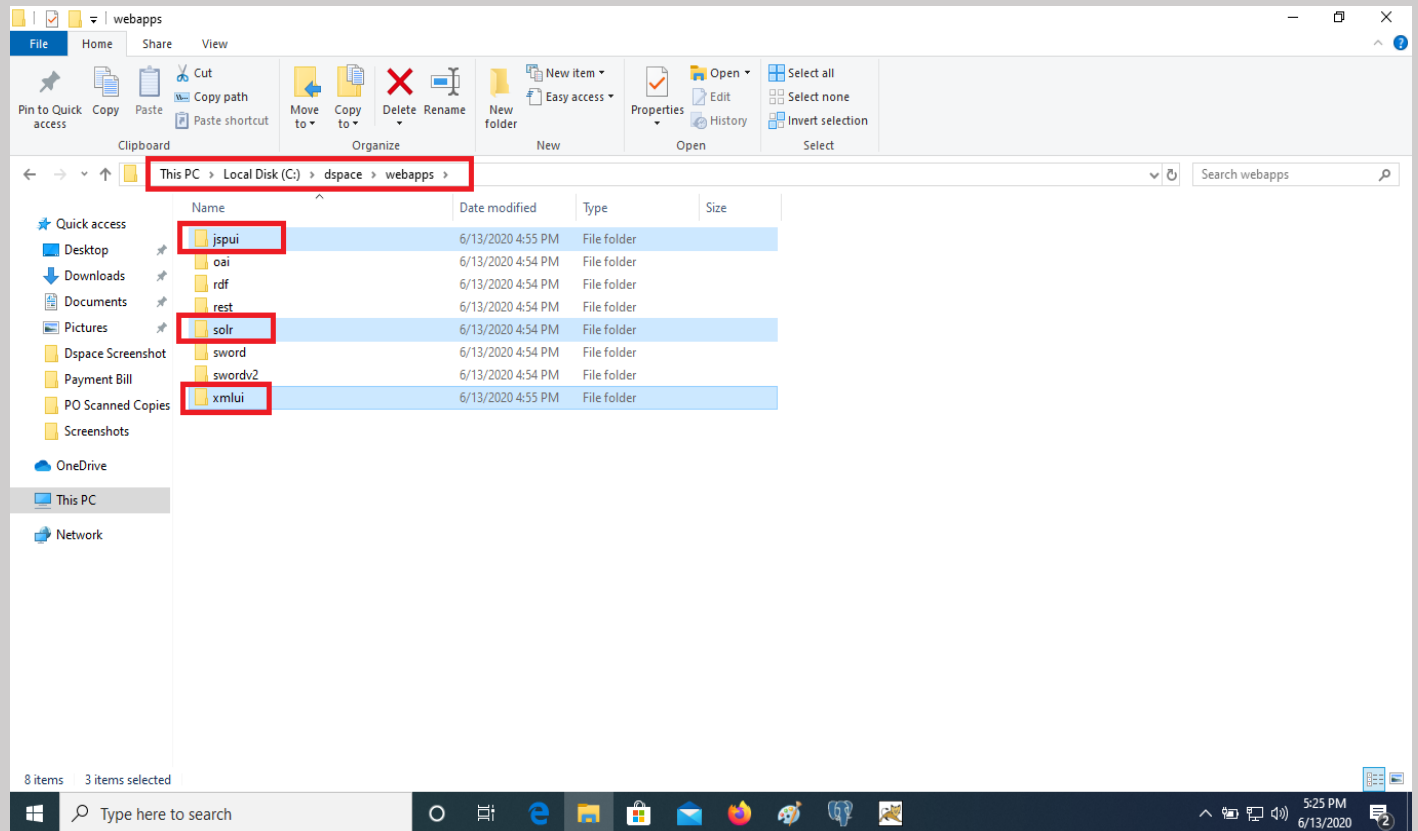
```
[echo]
[echo] To complete installation, you should do the following:
[echo]
[echo] * Setup your Web servlet container (e.g. Tomcat) to look for your
[echo] DSpace web applications in: /dSPACE/webapps/
[echo]
[echo] OR, copy any web applications from /dSPACE/webapps/ to
[echo] the appropriate place for your servlet container.
[echo] (e.g. '%CATALINA_HOME%\webapps' for Tomcat)
[echo]
[echo] * Start up your servlet container (e.g. Tomcat). DSpace now will
[echo] initialize the database on the first startup.
[echo]
[echo] * Make an initial administrator account (an e-person) in DSpace:
[echo]
[echo] /dSPACE/bin/dSPACE create-administrator
[echo]
[echo] You should then be able to access your DSpace's 'home page':
[echo]
[echo] http://localhost:8080/xmlui
[echo]
[echo] =====
[echo]
BUILD SUCCESSFUL
Total time: 3 minutes 24 seconds
C:\dSPACE-6.3-src-release\dSPACE\target\dSPACE-installer>cd C:\dSPACE\bin
C:\dSPACE\bin>dSPACE create-administrator
```

Type **dSPACE create-administrator** and press enter key. Give the details: E-mail address / First name / Last name / Password / and after finished type y and press enter key.

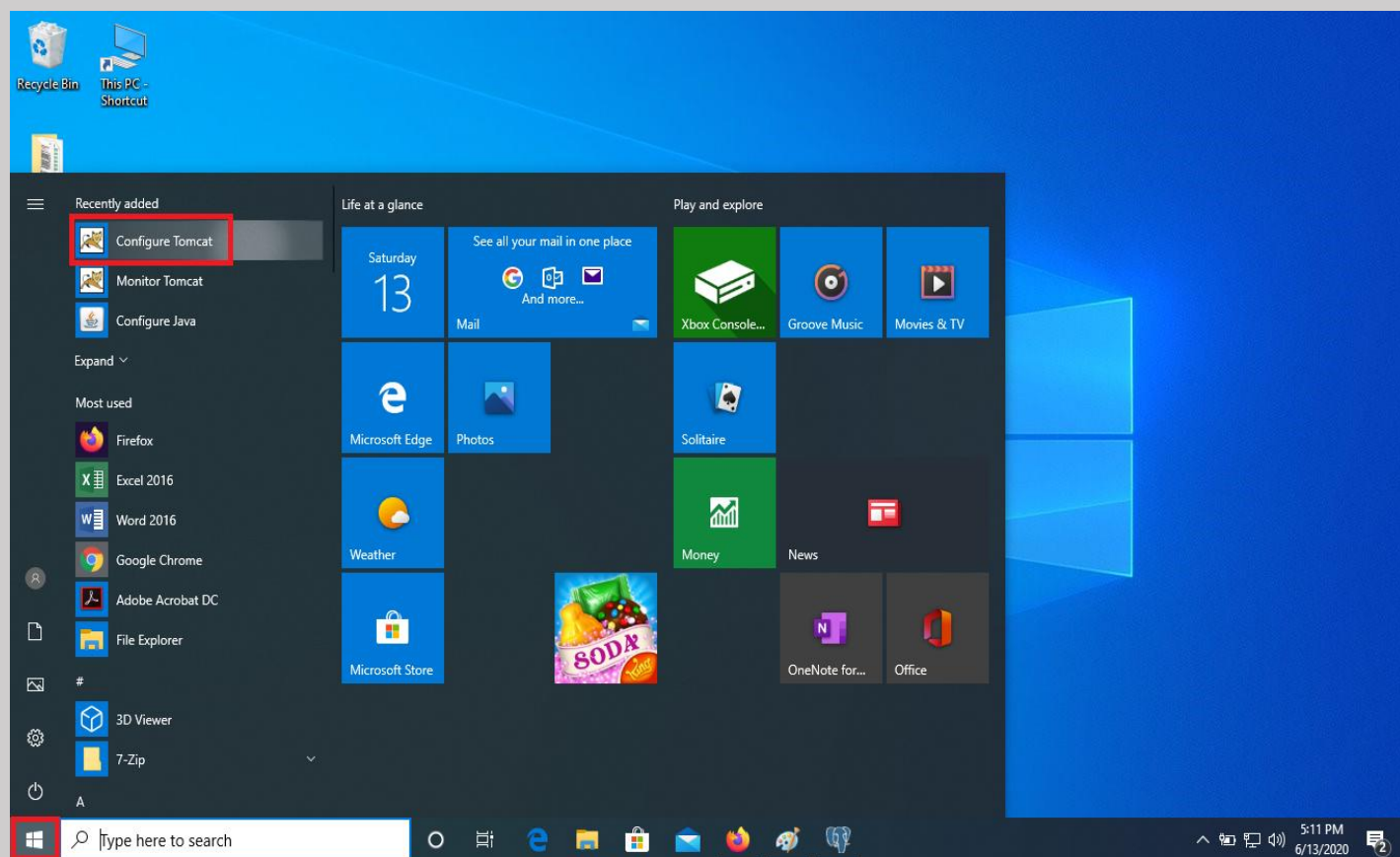


```
[echo]
[echo] * Make an initial administrator account (an e-person) in DSpace:
[echo]
[echo] /dSPACE/bin/dSPACE create-administrator
[echo]
[echo] You should then be able to access your DSpace's 'home page':
[echo]
[echo] http://localhost:8080/xmlui
[echo]
[echo] =====
[echo]
BUILD SUCCESSFUL
Total time: 3 minutes 24 seconds
C:\dSPACE-6.3-src-release\dSPACE\target\dSPACE-installer>cd C:\dSPACE\bin
C:\dSPACE\bin>dSPACE create-administrator
Using DSpace installation in: C:\dSPACE
Creating an initial administrator account
E-mail address: subratnanda32@gmail.com
First name: Subrat
Last name: Nanda
Password will not display on screen.
Password:
Again to confirm:
Is the above data correct? (y or n): y
Administrator account created
C:\dSPACE\bin>
```

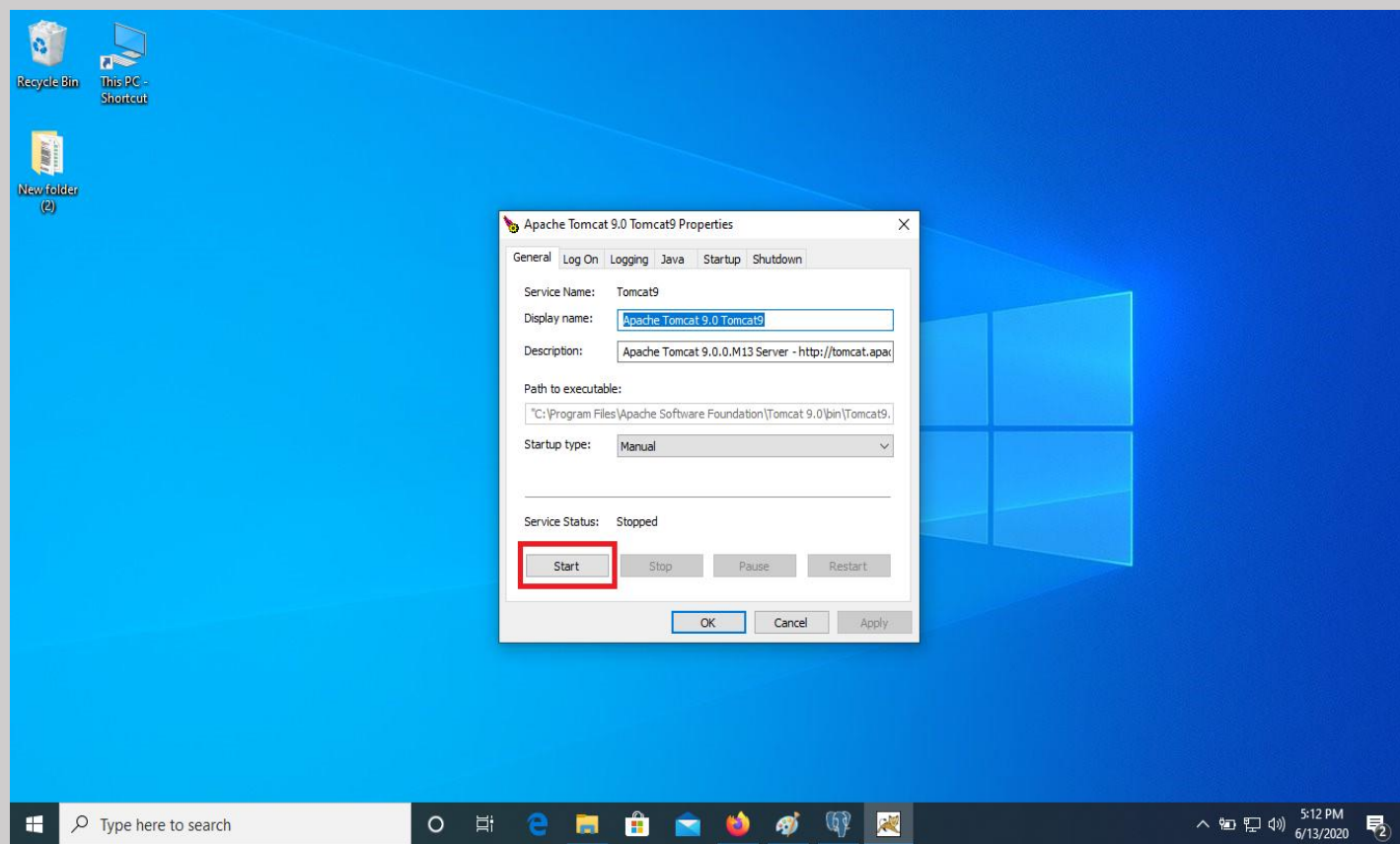

Then copy jspui, xmlui and solr folders from C:\dspace\webapps to C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps



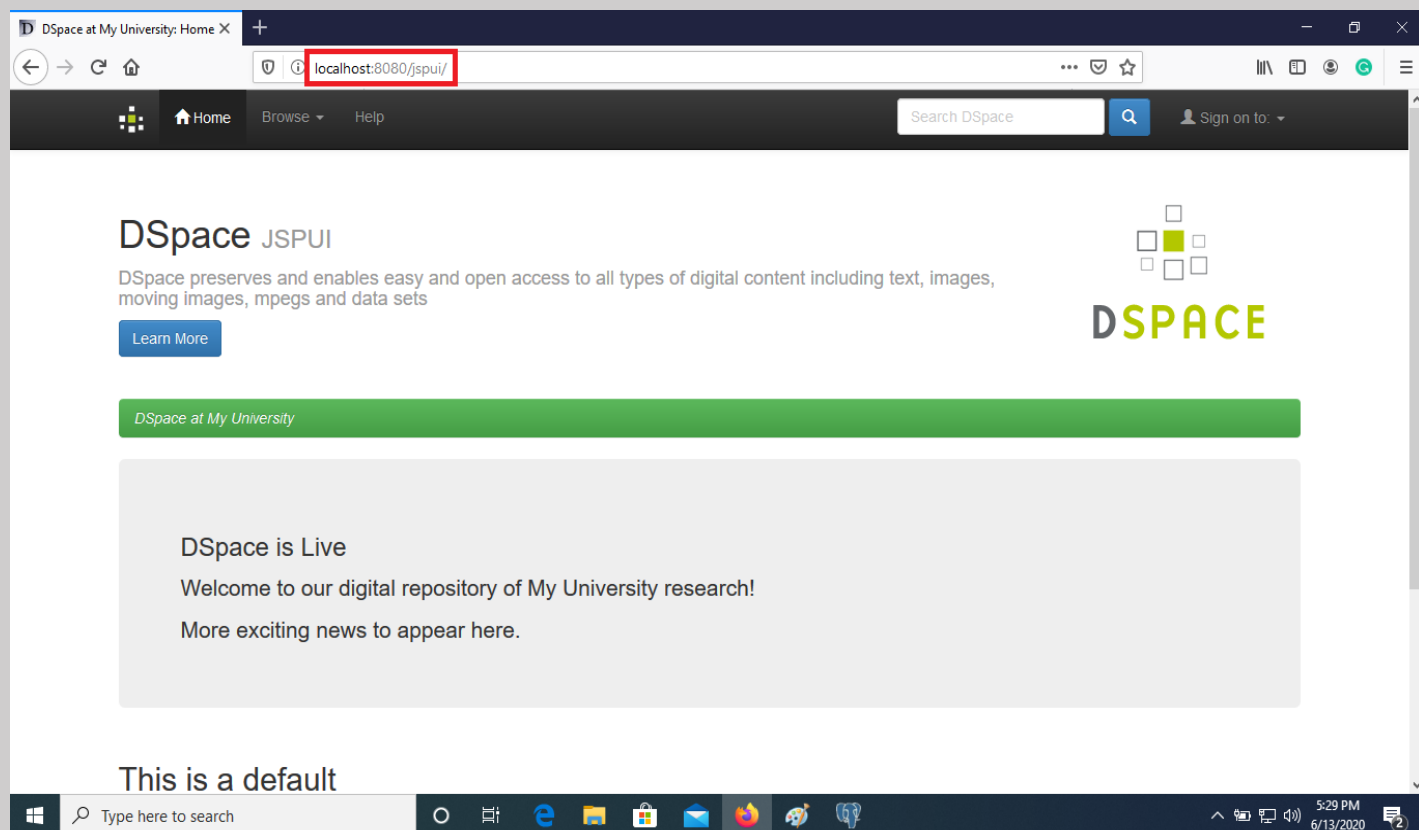
Now run the tomcat server. Go to windows search box, type tomcat and select “Configure Tomcat”.



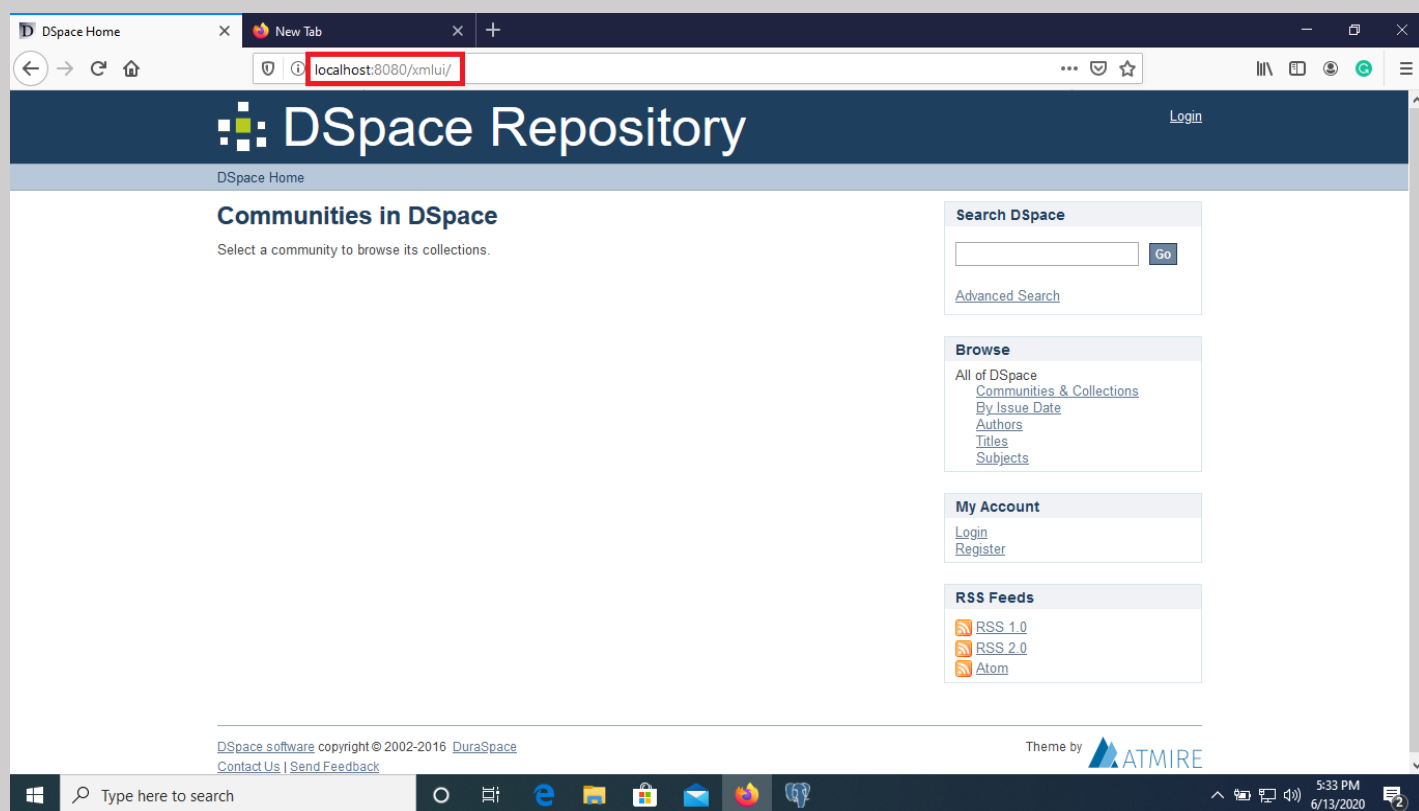
Click on start button.



Now type the **http://localhost:8080/jspui** on the address bar of your web browser for.jspui interface and login with your credentials.



Now type the **http://localhost:8080/xmlui** on the address bar of your web browser for.xmlui interface and login with your credentials.



Thank You



Mr. Subrat Ku. Nanda

Senior Library Information Assistant (SLIA)

Central Library

Indian Institute of Technology, Kharagpur

Mob: 8895474202

E-mail: subratnanda54@gmail.com

sknanda@library.iitkgp.ac.in

Source:

i) <https://wiki.lyrasis.org/display/DSPACE/Installing+DSpace+on+Windows>

ii) <https://youtu.be/I-lmBHp6pDE>

iii) <https://youtu.be/YZHHkvNOgR0>

iv) <http://www.dpatripathi.in/manual/dspacewindows.pdf>

v) <https://repositoryshare.blogspot.com/2017/05/dspace-6-installation-on-windows-7.html>

vi) <https://jessedhammu.com/dspace-installation-on-windows/>

vii) <http://dspacegeek.blogspot.com/2019/10/install-dspace-6x-on-ubuntu-16.04.html>