

<Gujarat Government Police Station/E Mudda Maal>

Set Up Guide

Version 1.0

08/20/2023

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1. Introduction

This setup guide provides instructions to set up E-Mudda Maal application locally on any computer.

1.1 Overview

2. Prerequisites

This section provides software, hardware and operating system prerequisites to set up e-mudda maal application locally on any computer.

2.1 Software prerequisites

PostgreSQL database version 15.4

Java Development Kit version 17.0.7

Latest version of any modern browser – Chrome/Edge

2.2 Hardware prerequisites

RAM – Minimum 8 GB

Hard Disk – Minimum 50 GB

2.3 Operating system requirements

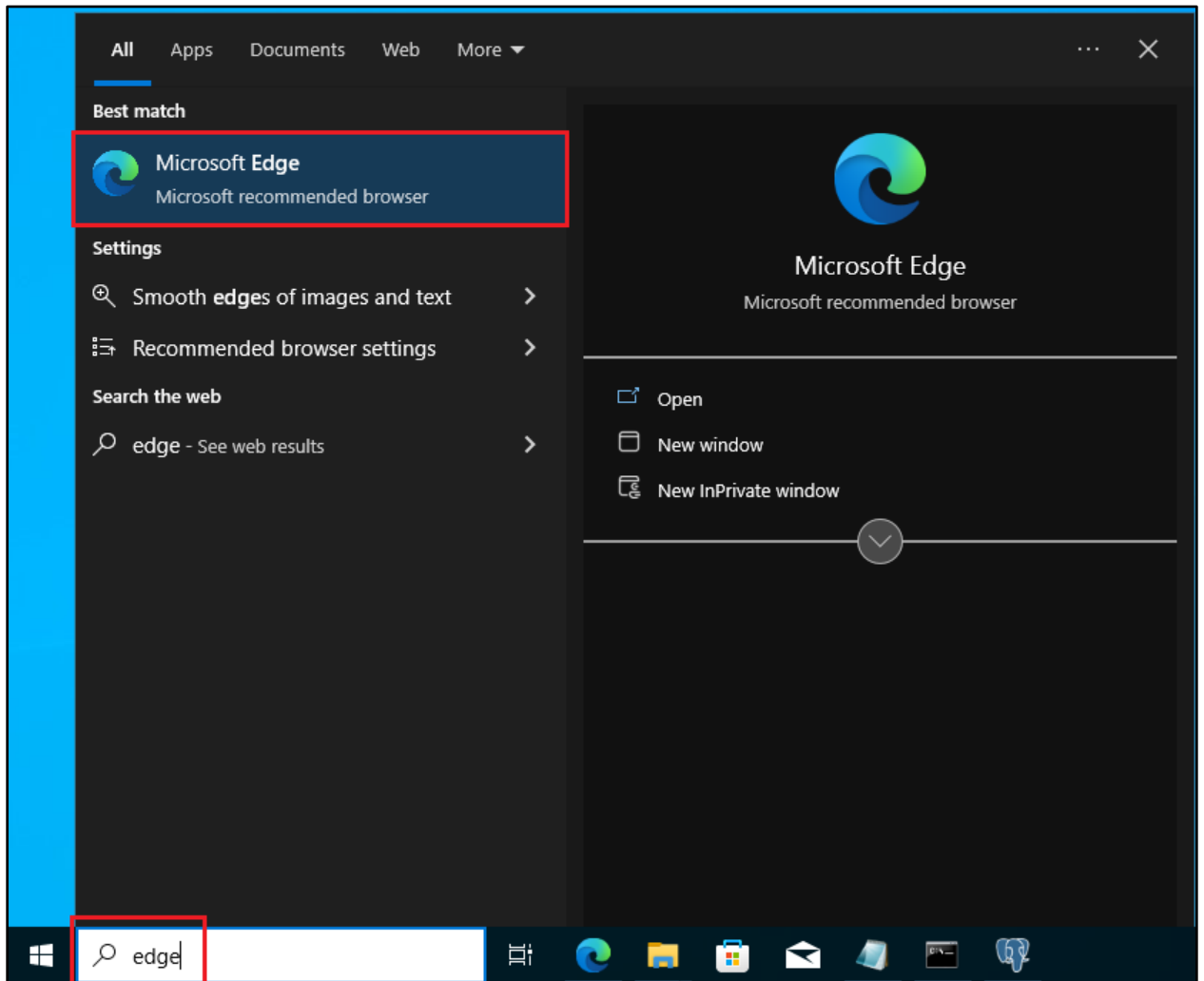
Operating system – Windows 7/10/11 – 64 Bit

3. Install and setup required software

This section provides steps to install and setup required software to set up e-mudda maal application locally on any computer.

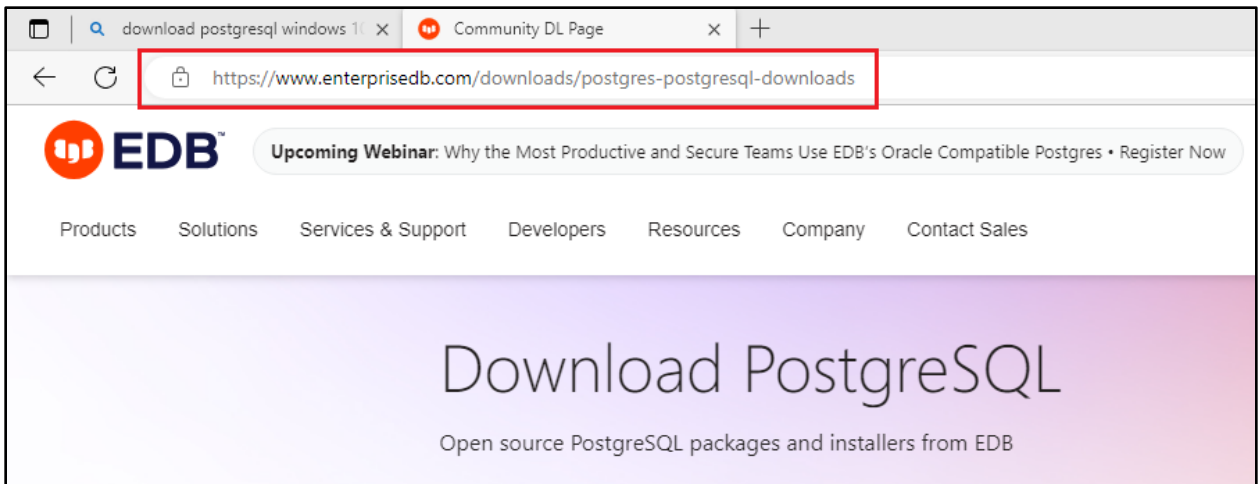
3.1 PostgreSQL database version 15.4

1. Open web browser (chrome/edge)

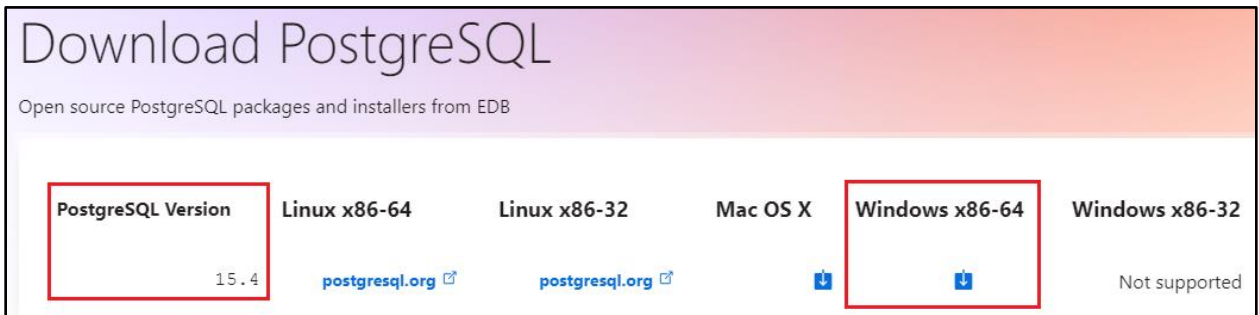


2. Navigate to below URL

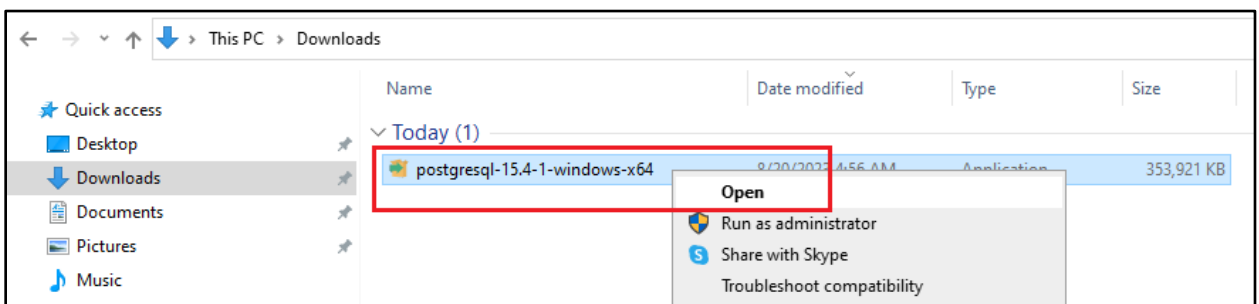
<https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>



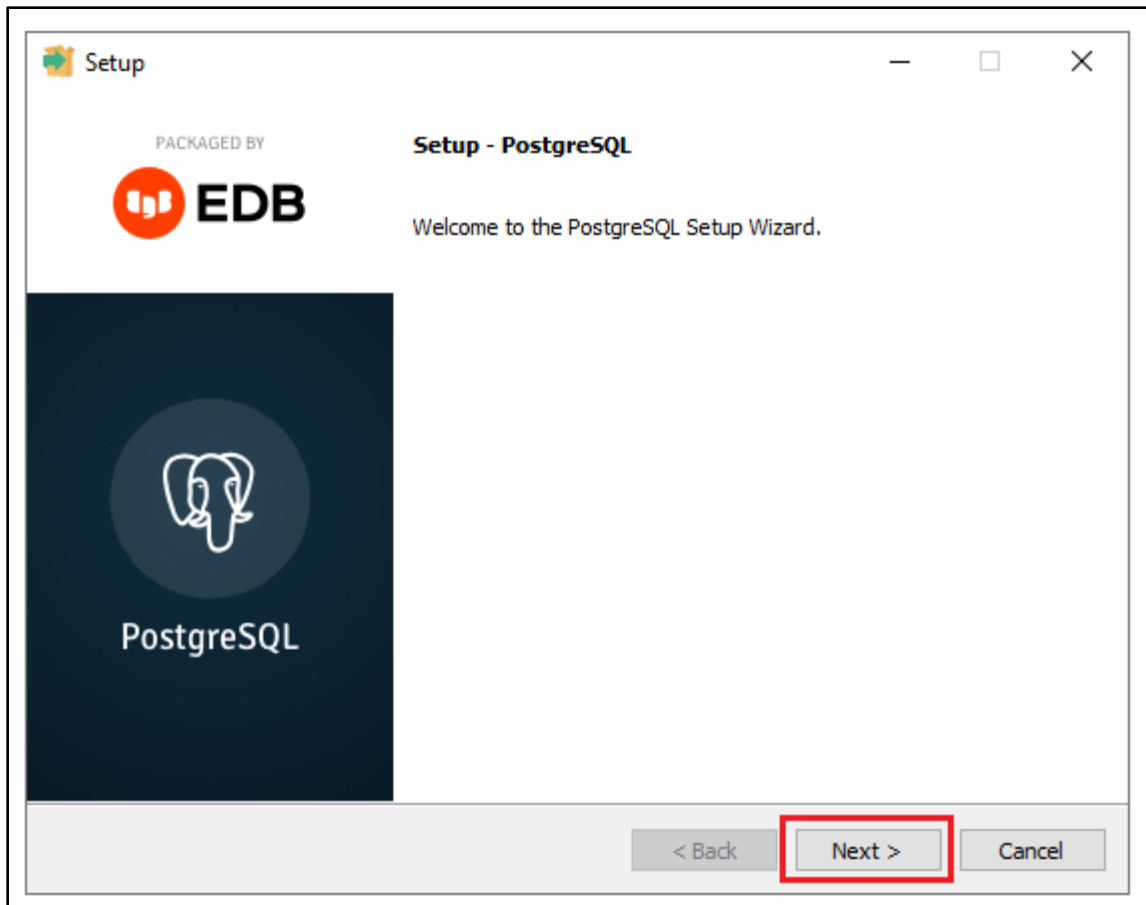
3. Click download icon against version 15.4 and operating system Windows x86-64



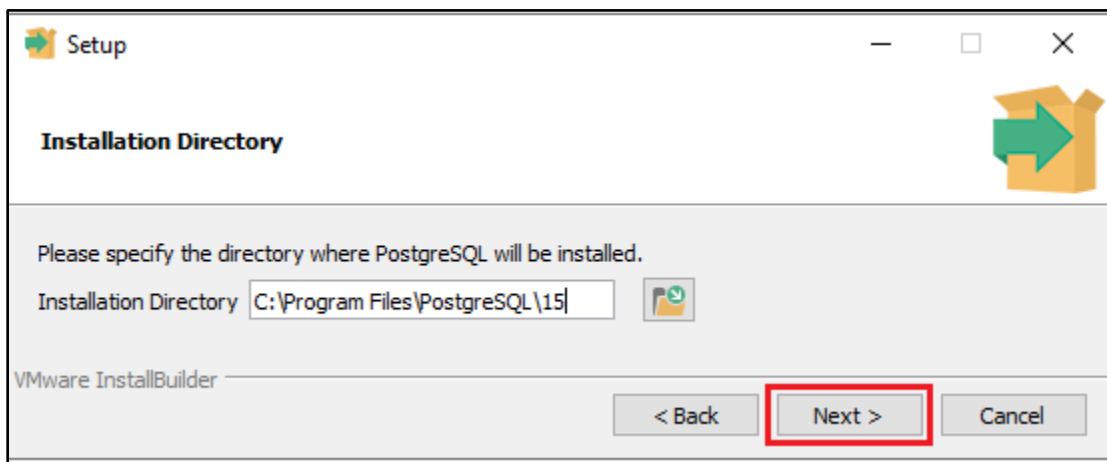
4. You will be redirected to a new page and download should start
5. Wait till download is completed
6. Once it is downloaded, navigate to Downloads folder. You should find downloaded software there.
7. Right click on it and select **Open. Setup** modal dialog window should open.



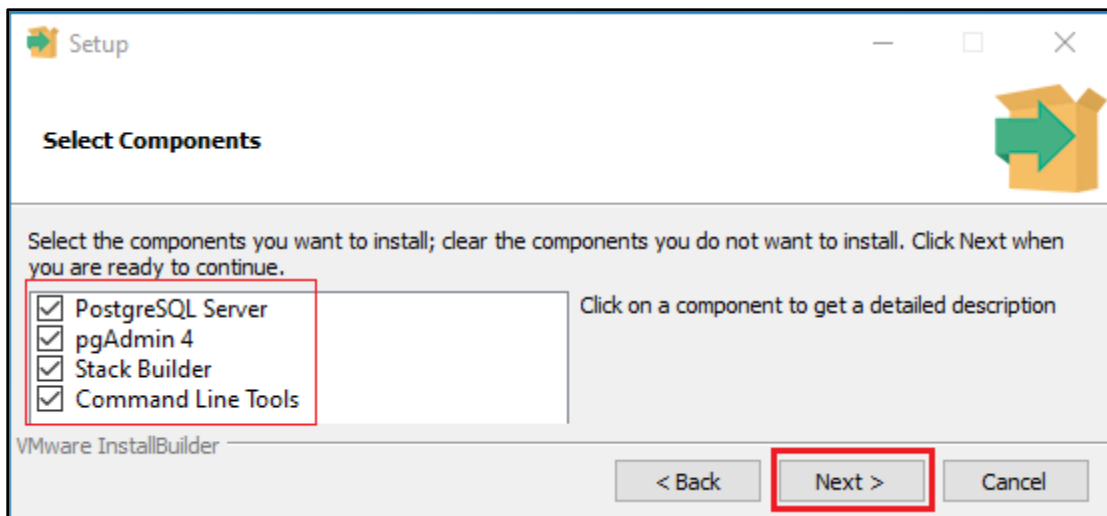
8. On Setup – PostgreSQL page, click **Next**



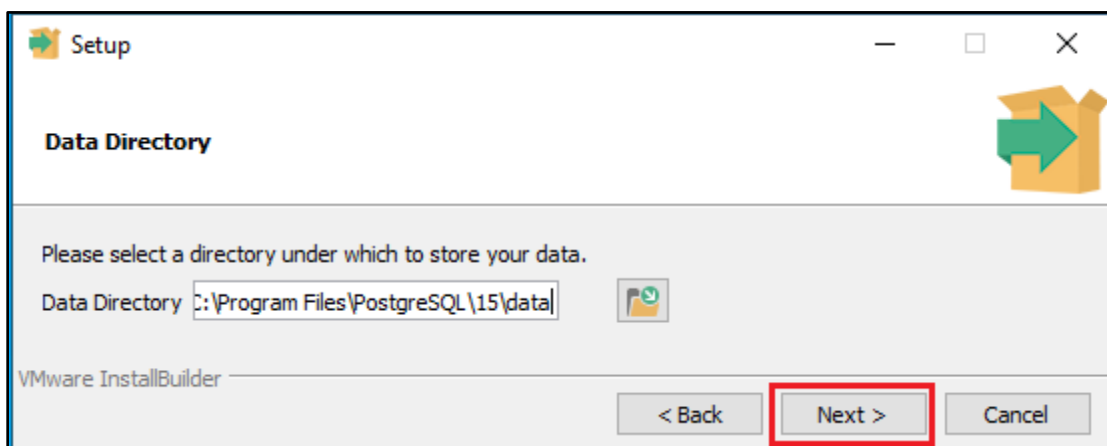
9. On Installation Directory page, click **Next**



10. On Select Components page, click **Next**. Make sure all component checkboxes are selected.



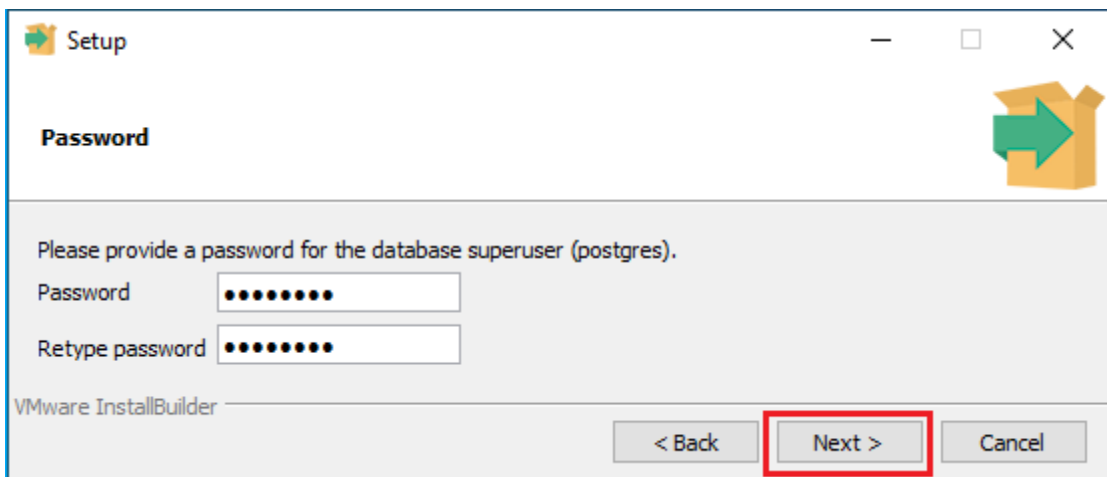
11. On Data Directory page, click **Next**



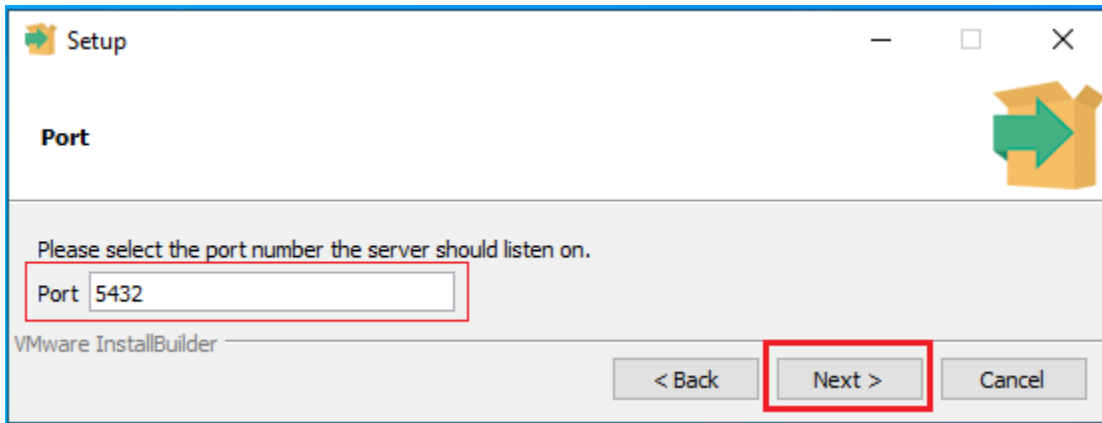
12. On Password page, provide following password in Password and Retype password fields.

postgres

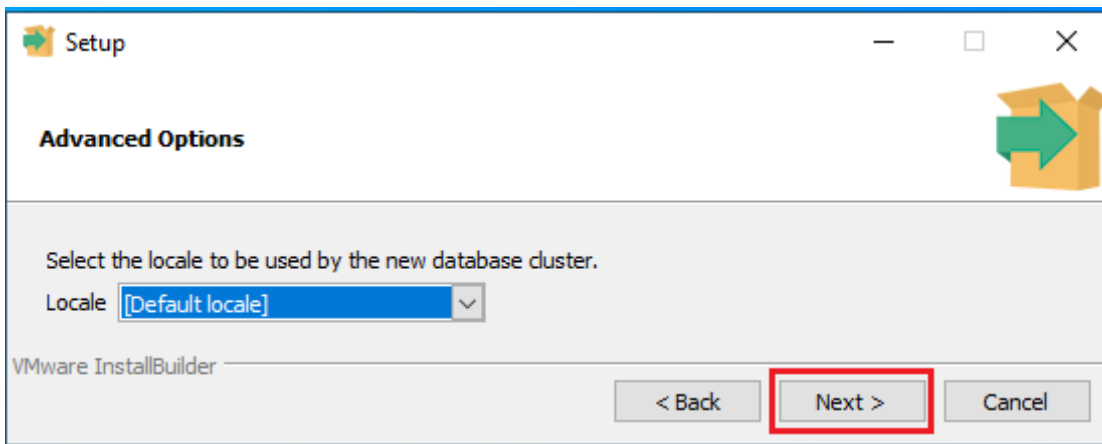
13. Click **Next**



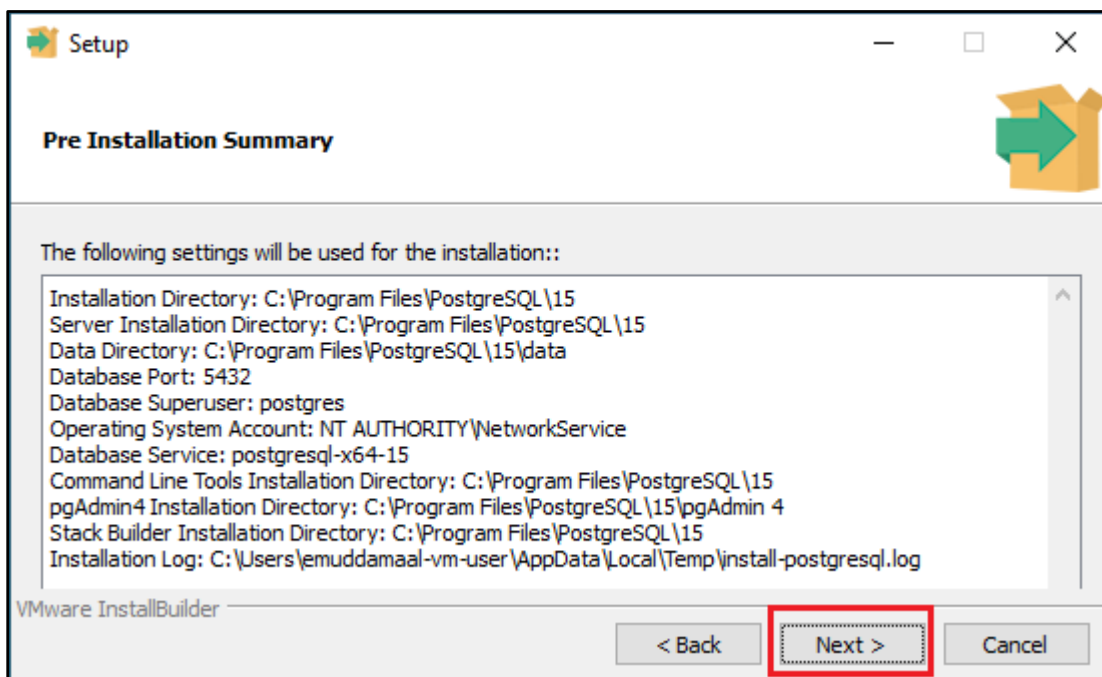
14. On Port page, keep the default value 5432 and click **Next**



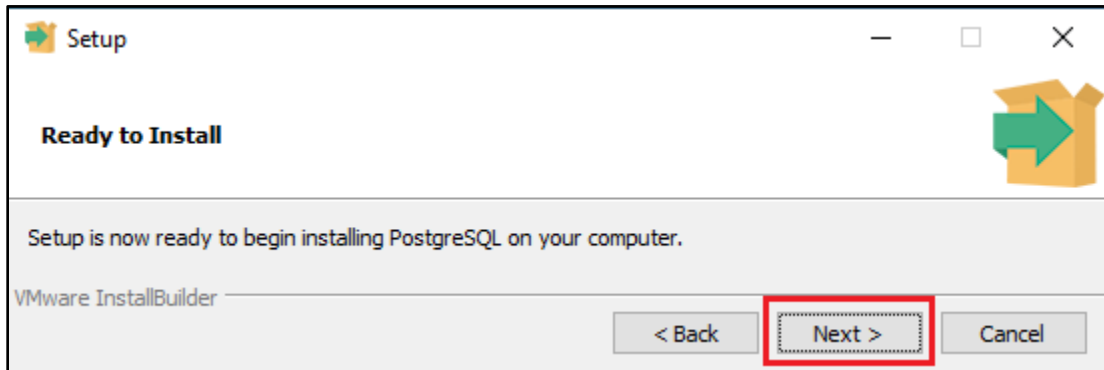
15. On Advanced Options page, click **Next**



16. On Pre Installation Summary page, click **Next**



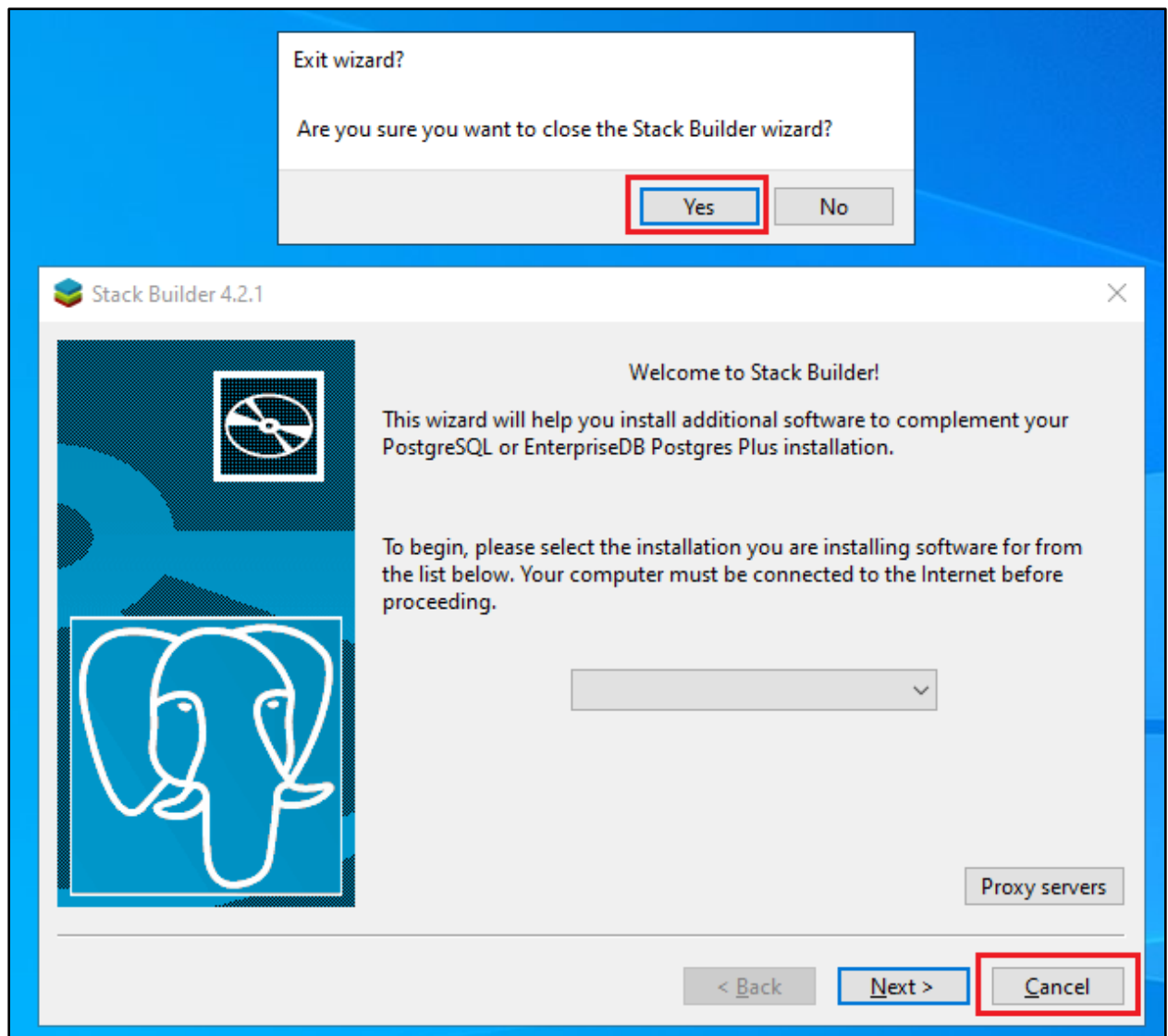
17. On Ready To Install page, click **Next**



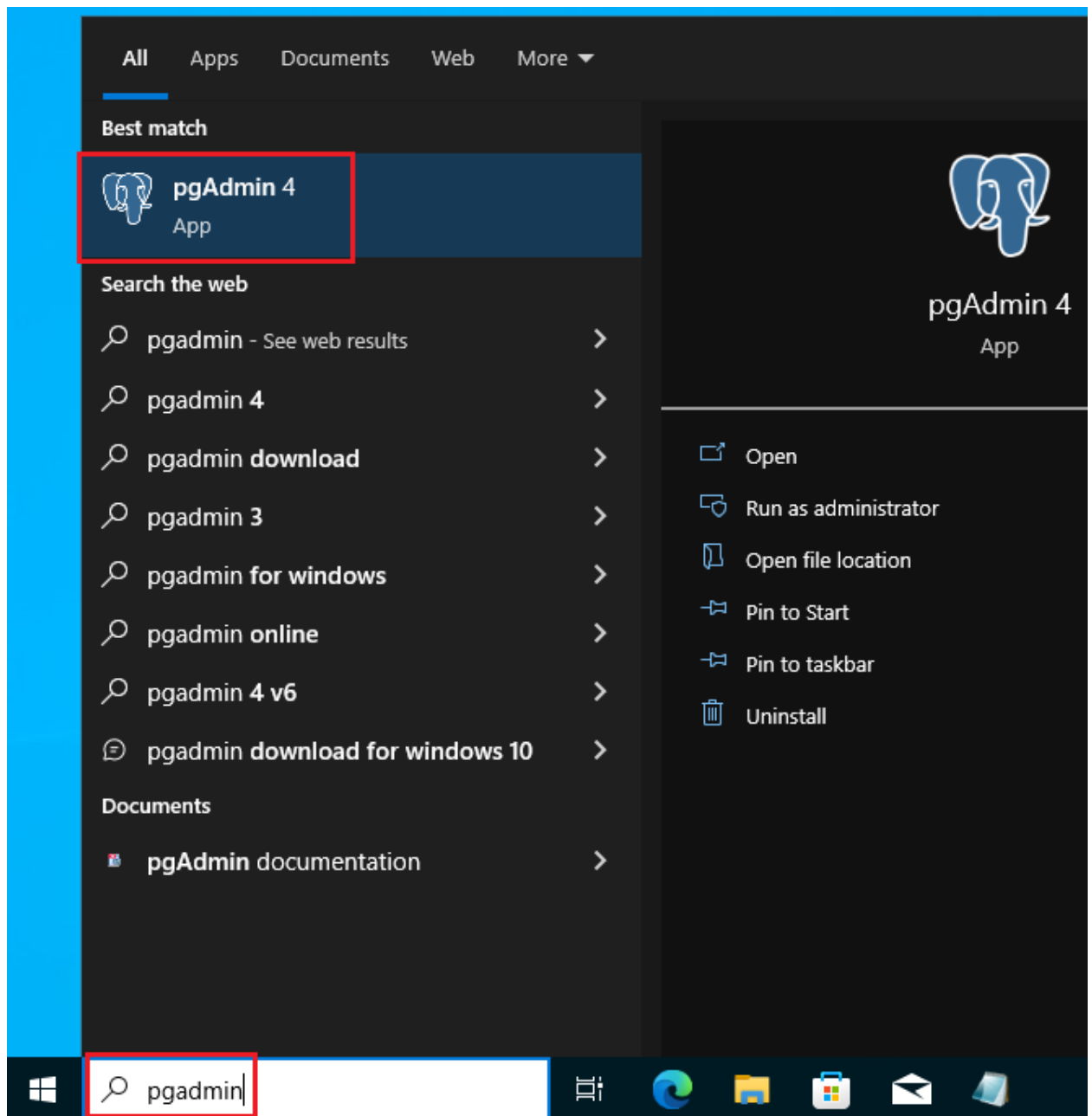
18. Setup will now and it will install software. Wait for it to be completed.

19. After the setup is completed, if you see a modal dialog like below that asks to install stack builder, click **Cancel**

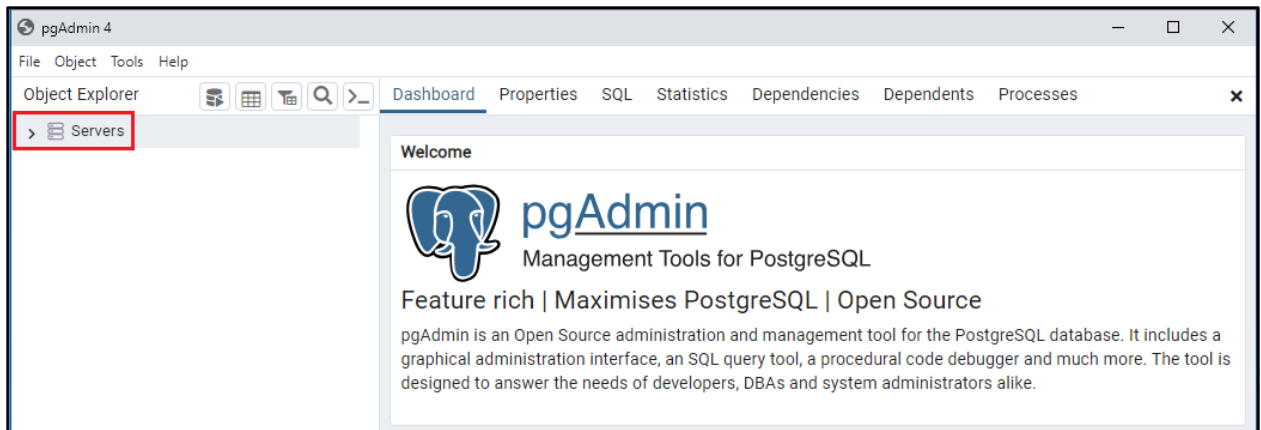
20. On Exit Wizard page, click **Yes**



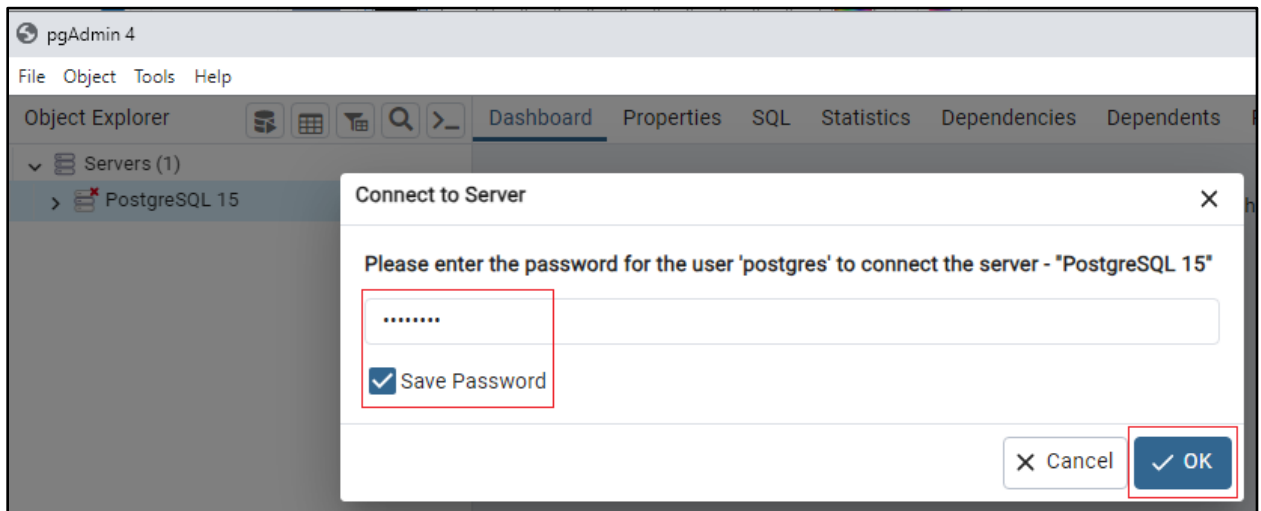
21. On your computer, from start bar, search for **pgadmin**. Open pgAdmin 4.



22. pgAdmin 4 tool, click icon next to Servers

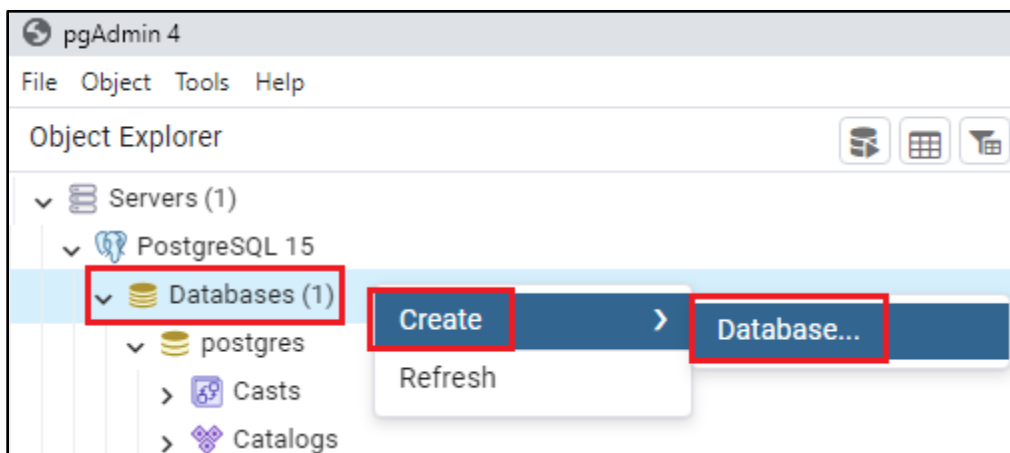


23. Connect to server modal dialog is displayed. Provide password **postgres**, select checkbox **Save Password**, and click **OK**



24. Now, you should be connected to database server. Expand servers, expand Postgre SQL 15.

25. Right click on **Databases**, select **Create** and then Select **Database**



26. On Create – Database modal dialog, provide following value for database and then click **Save**

emuddmaal

Create - Database

General Definition Security Parameters Advanced SQL

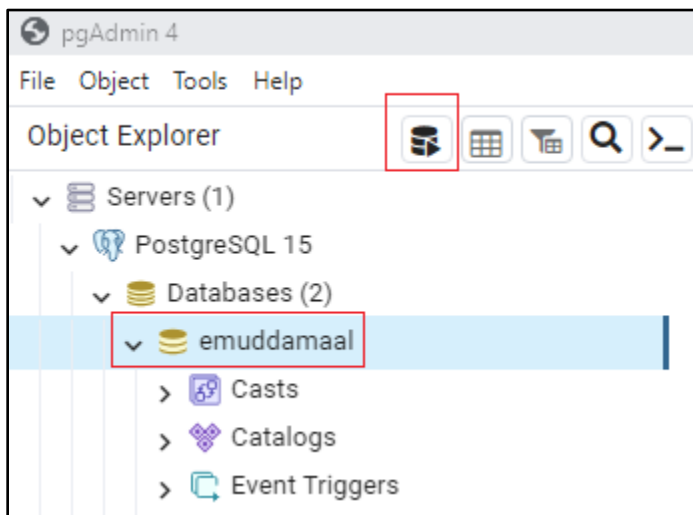
Database: emuddamaal

Owner: postgres

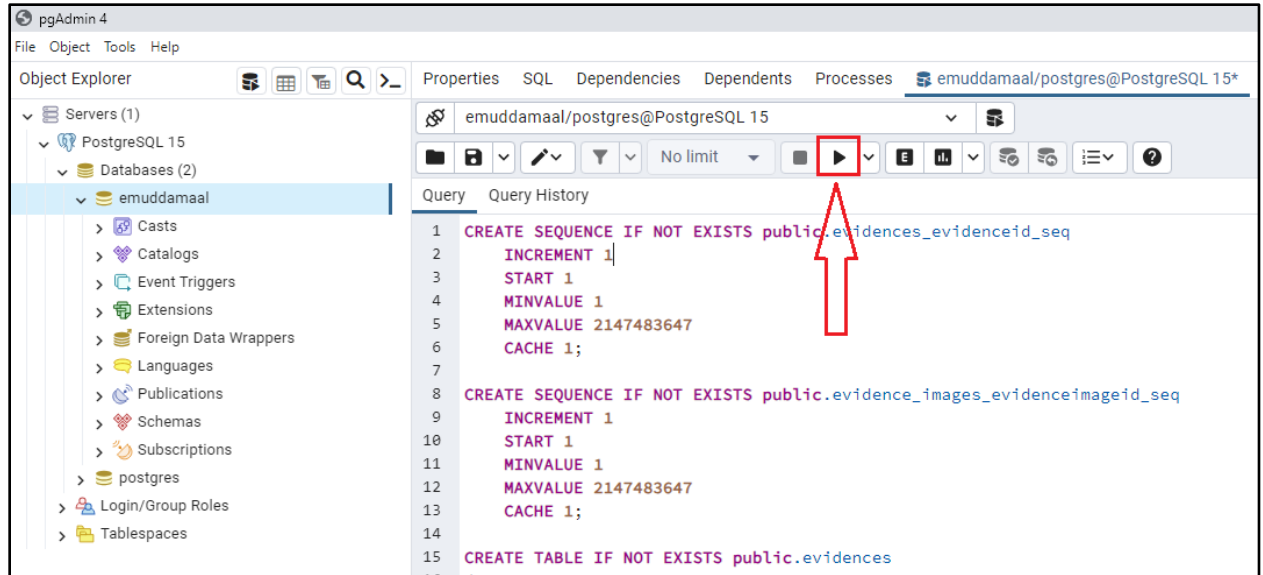
Comment:

Close Reset Save

27. New database emuddamaal should be created. Select it in object explorer in left navigation.
28. Click query tool icon from top → a new blank query editor should open



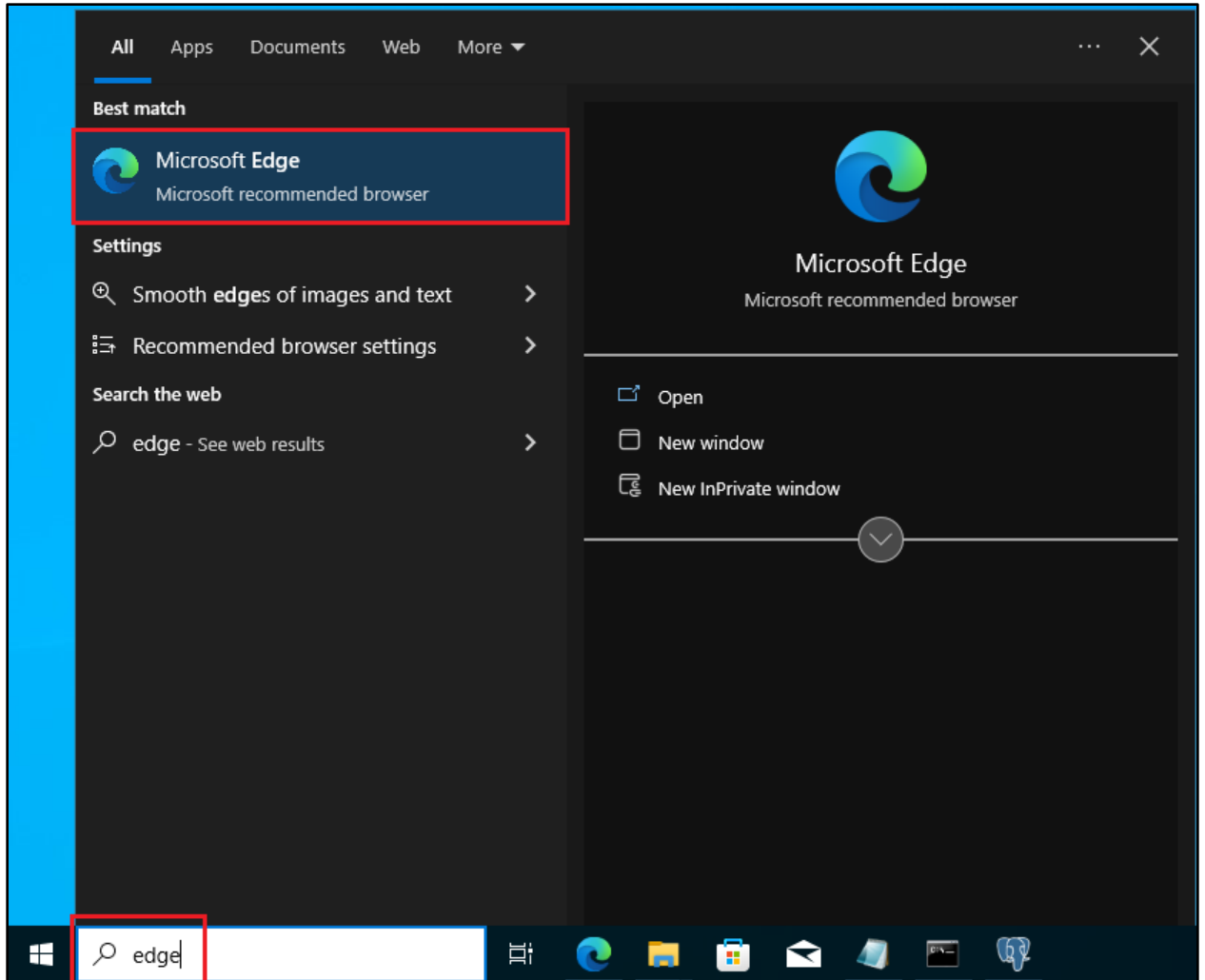
29. Open CreateTable.sql file and copy paste the content from that file to this new query editor. After you copy paste, it should look like this.
30. Click **Execute/Refresh** option at top to create database schema



31. Database schema should be created

3.2 Java Development Kit version 17.0.7

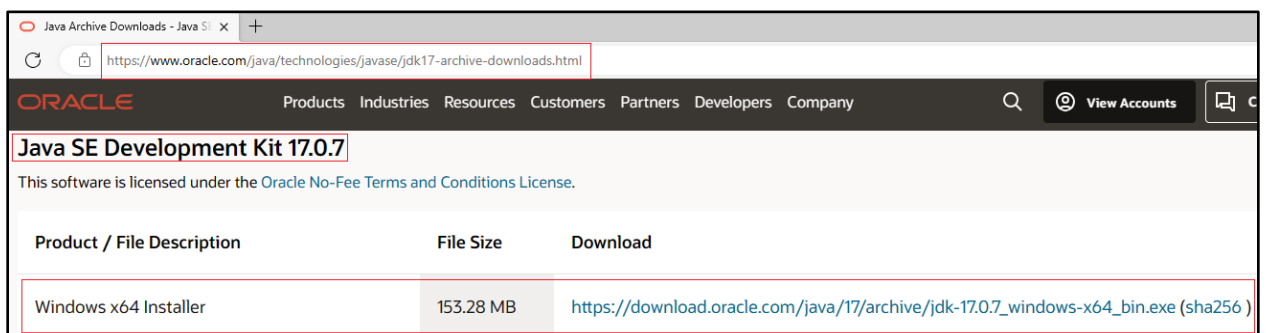
1. Open web browser (chrome/edge)



2. Navigate to below URL

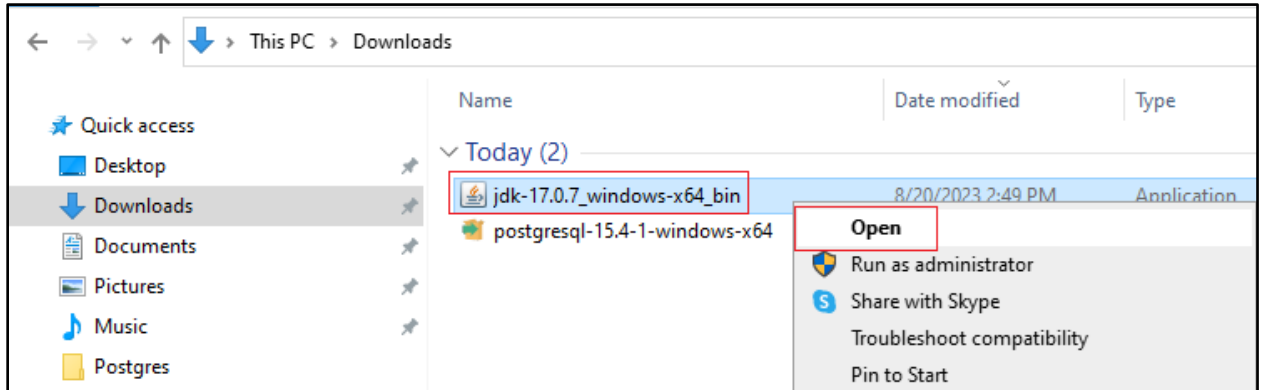
<https://www.oracle.com/java/technologies/javase/jdk17-archive-downloads.html>

On this page, search for **Java SE Development Kit 17.0.7**

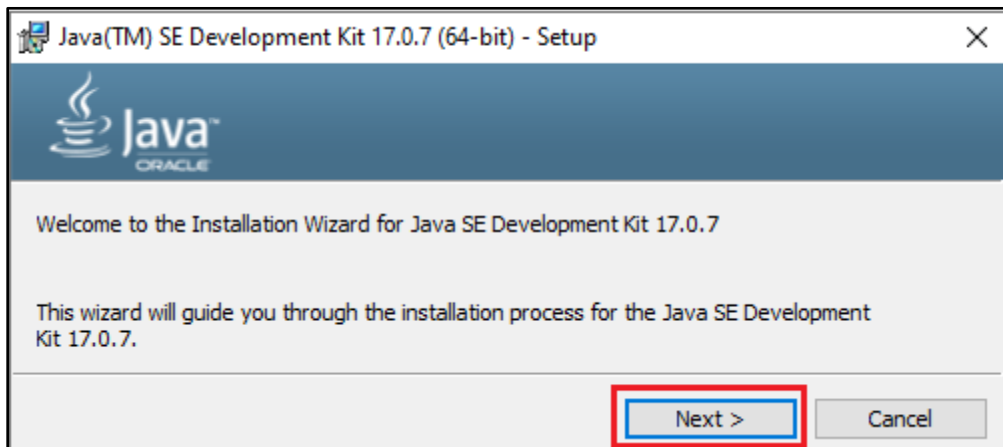


3. Within this list, search for **Windows x64 Installer**
4. Click on the link against the found item to download Java Development Kit
5. You will be redirected to a new page and download should start

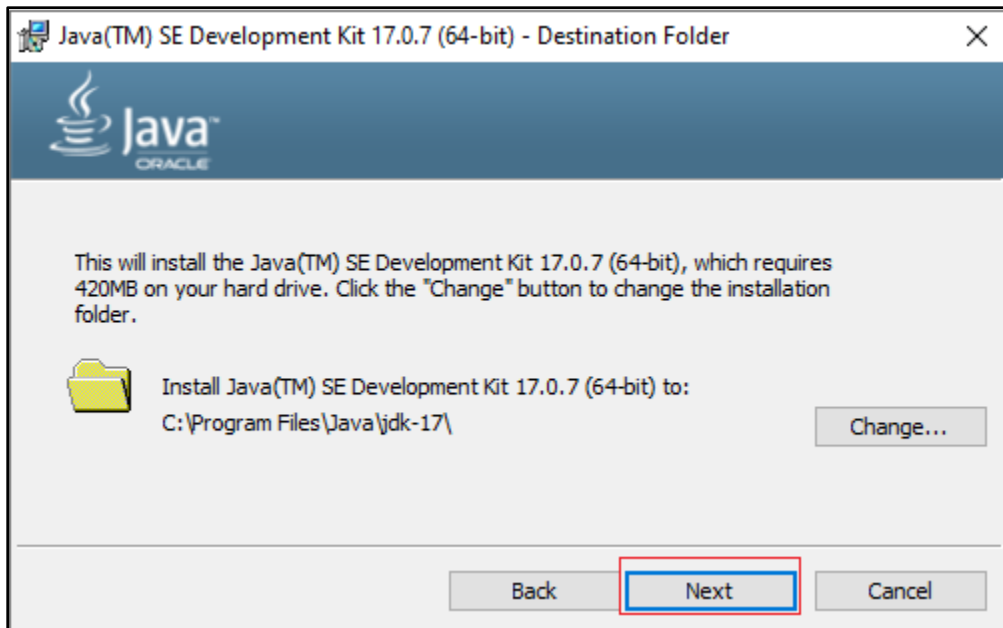
6. Wait till download is completed
7. Once it is downloaded, navigate to Downloads folder. You should find downloaded software there.
8. Right click on it and select **Open**. **Setup** modal dialog window should open.



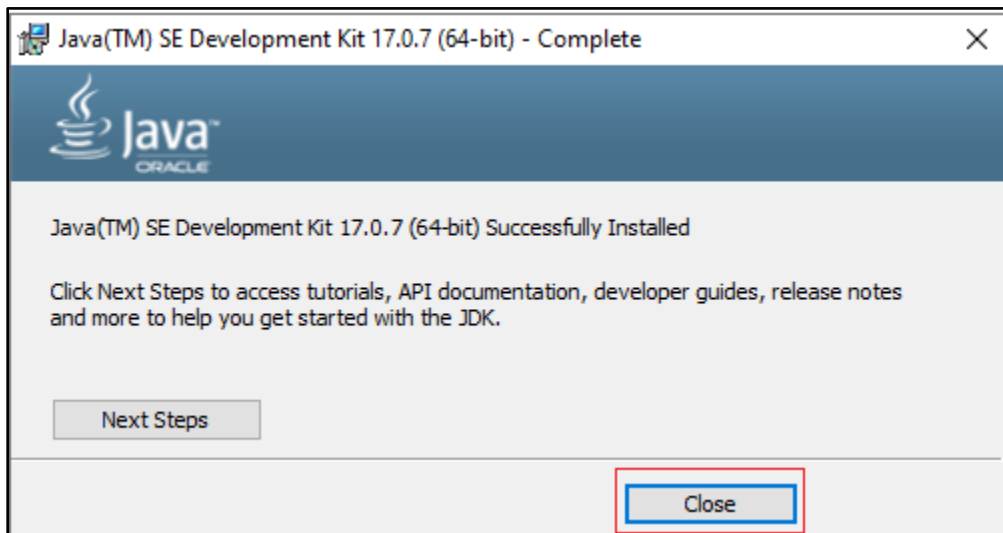
9. On Setup page, click **Next**



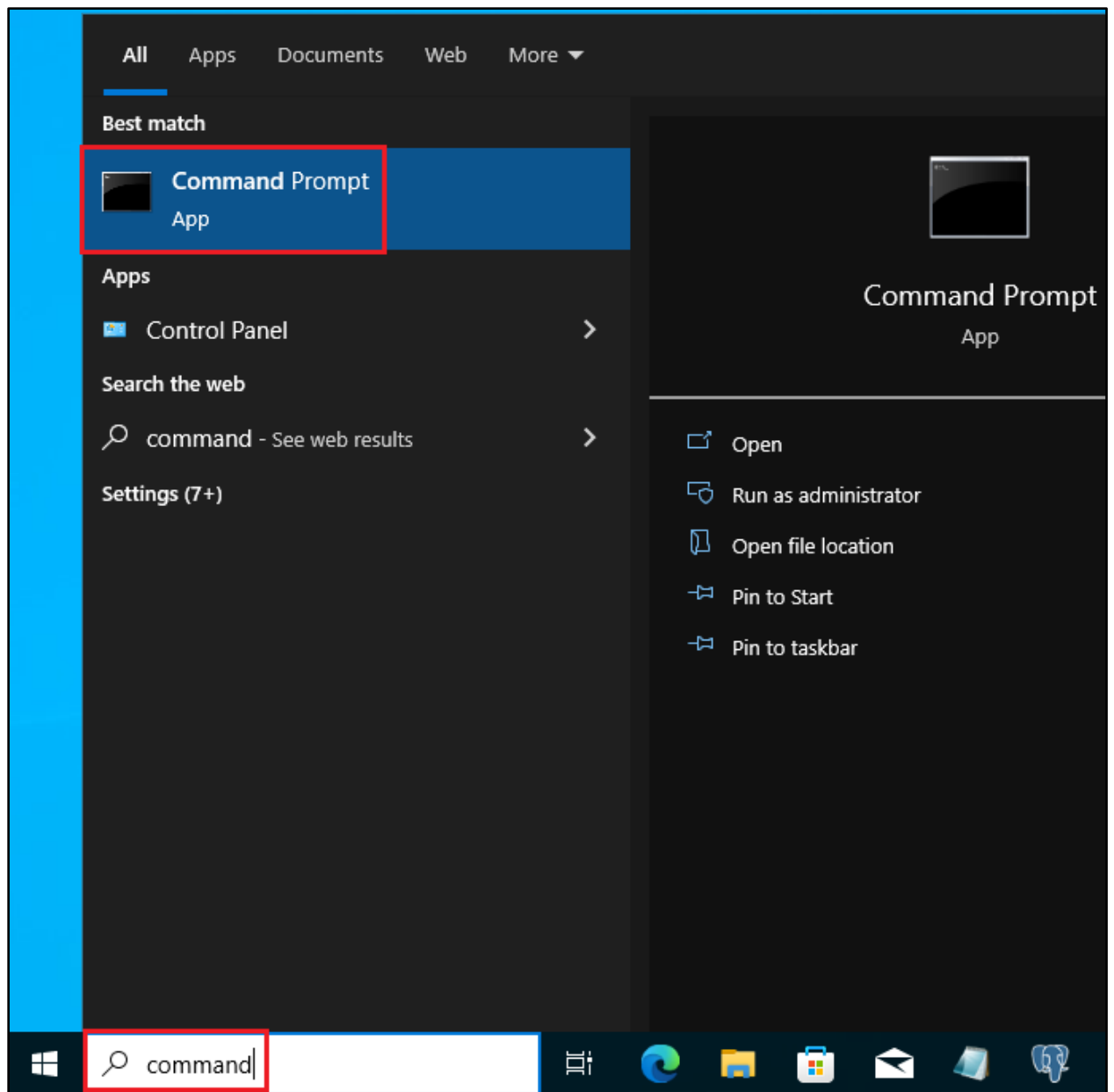
10. On Destination Folder page, click **Next**



11. On Complete page, click **Close**



12. On your computer, from start bar, search for **Command Prompt**. Open **Command Prompt**.



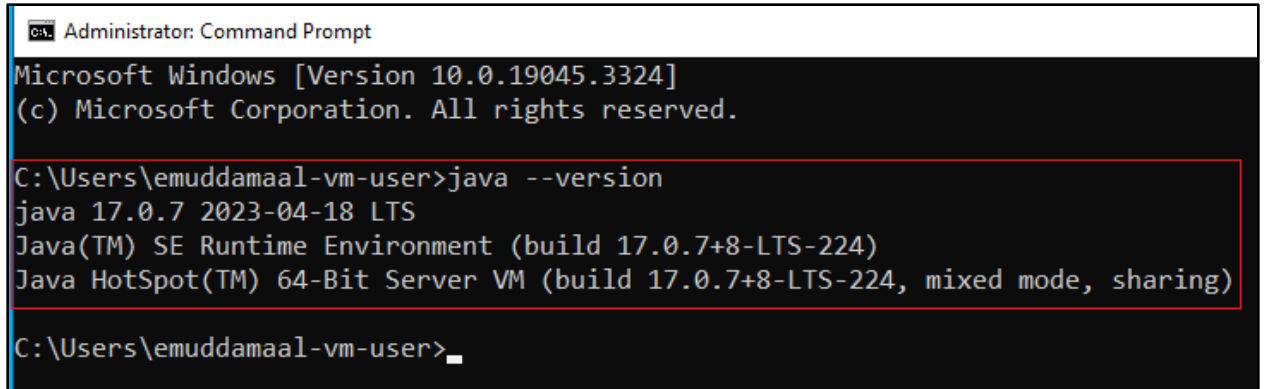
13. On command prompt, type following command and press enter

java --version

```
C:\> Administrator: Command Prompt
Microsoft Windows [Version 10.0.19045.3324]
(c) Microsoft Corporation. All rights reserved.

C:\Users\emuddamaal-vm-user>java --version_
```

14. It should display an output like below:



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19045.3324]
(c) Microsoft Corporation. All rights reserved.

C:\Users\emuddamaal-vm-user>java --version
java 17.0.7 2023-04-18 LTS
Java(TM) SE Runtime Environment (build 17.0.7+8-LTS-224)
Java HotSpot(TM) 64-Bit Server VM (build 17.0.7+8-LTS-224, mixed mode, sharing)

C:\Users\emuddamaal-vm-user>_
```

4. Install and run application

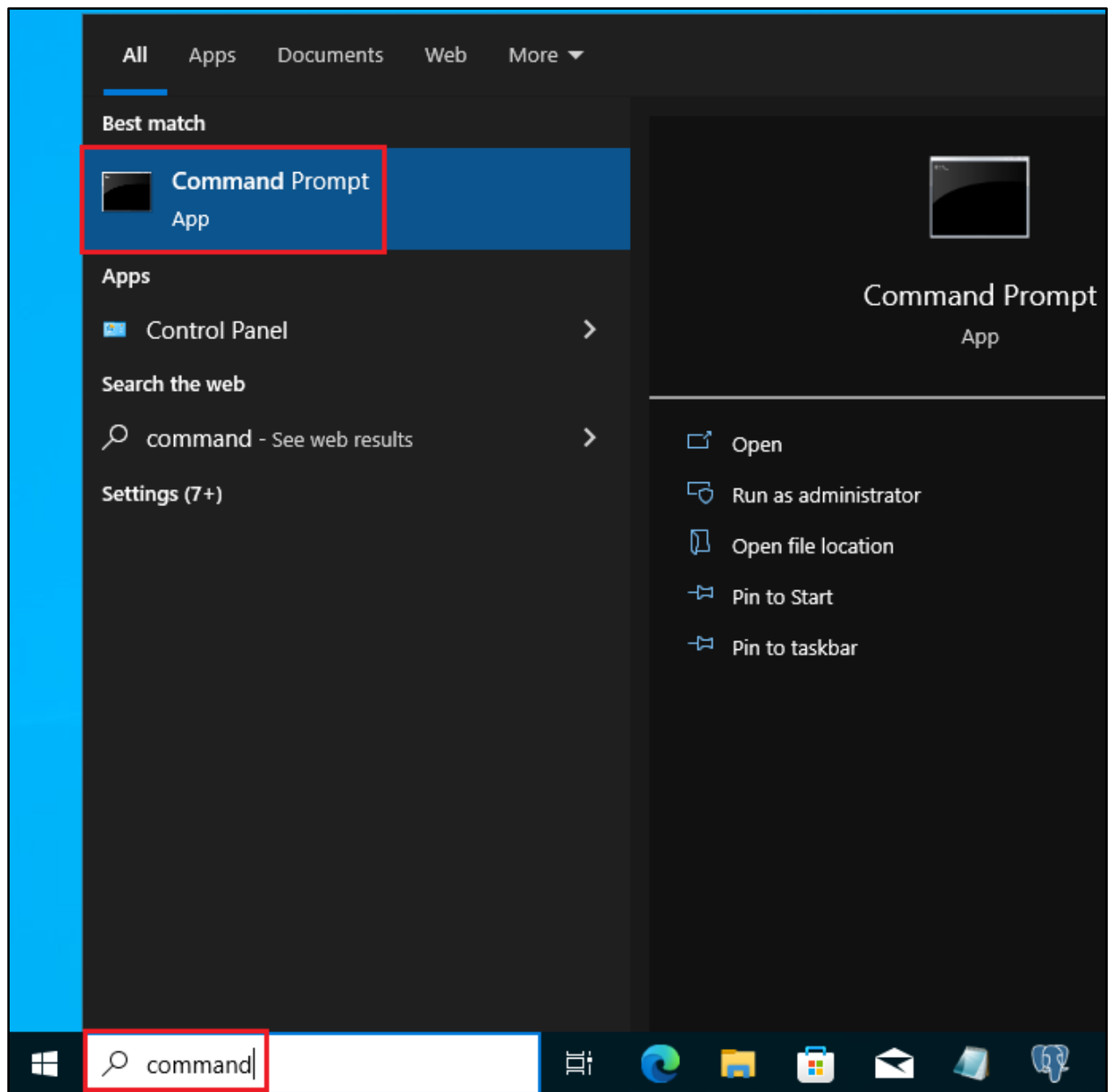
This section provides steps to install and run E-Mudda Maal application locally on any computer.

4.1 Download E-Mudda Maal jar file

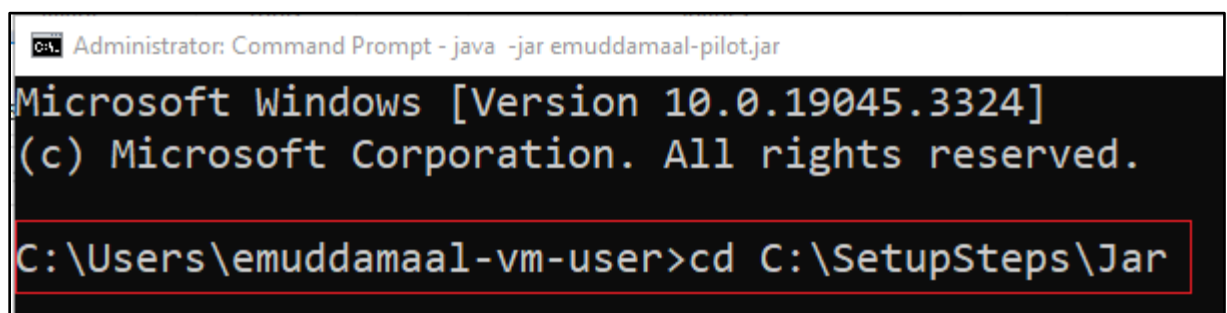
1. Download emuddamaal-pilot.jar file from URL
2. Copy it on one of the folders on your computer

4.2 Install E-Mudda Maal application

1. On your computer, from start bar, search for **Command Prompt**. Open **Command Prompt**.

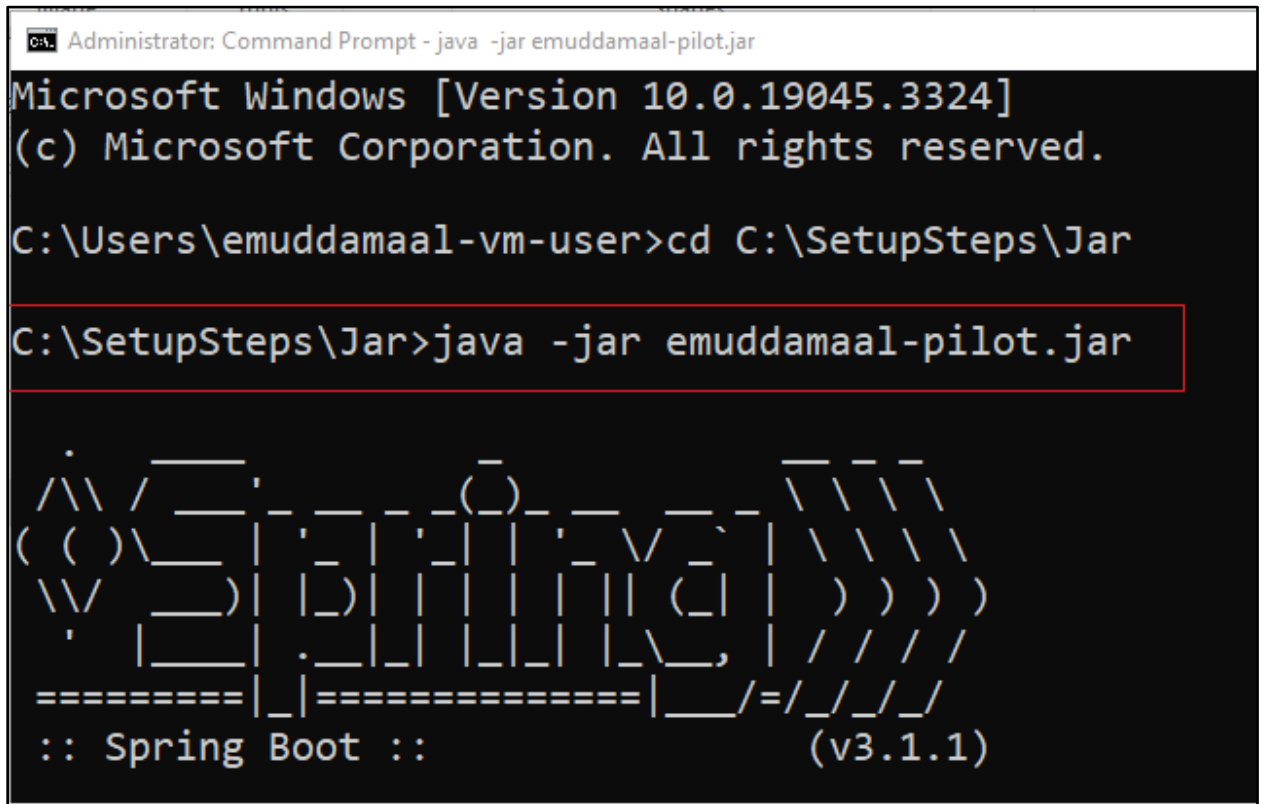


2. On command prompt, navigate to folder where you have placed jar file.
3. You can use **cd** command to navigate to the folder



4. Once you are on the folder, run below command to run application:

java -jar emuddamaal-pilot.jar



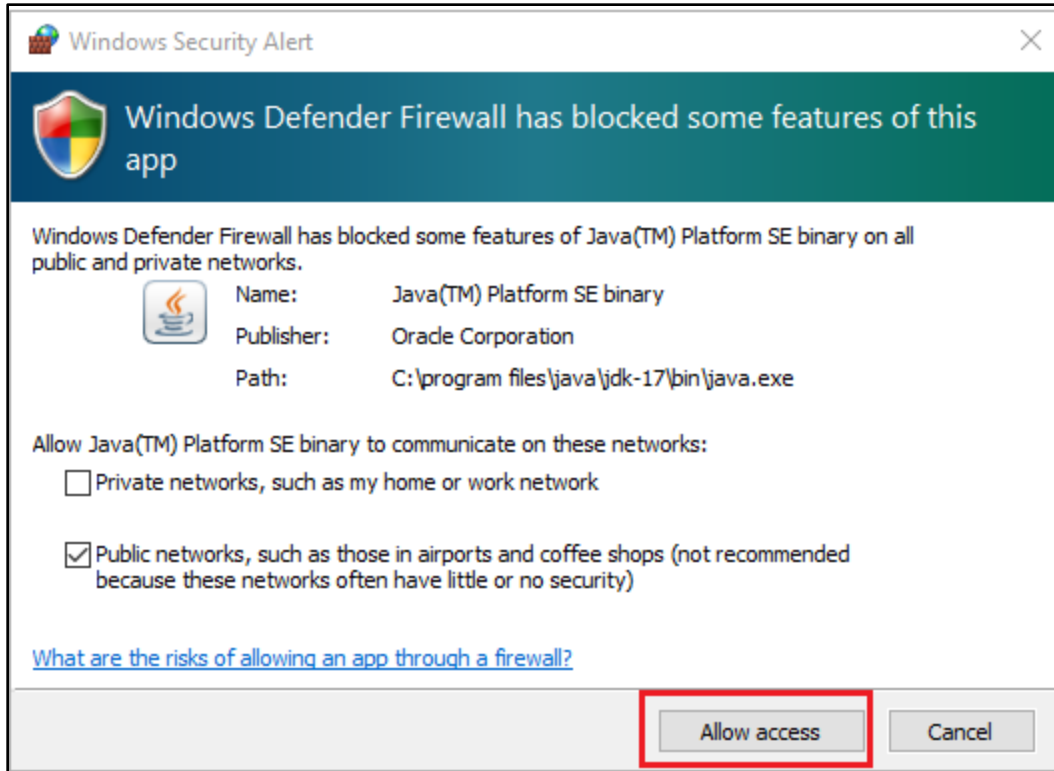
```
Administrator: Command Prompt - java -jar emuddamaal-pilot.jar
Microsoft Windows [Version 10.0.19045.3324]
(c) Microsoft Corporation. All rights reserved.

C:\Users\emuddamaal-vm-user>cd C:\SetupSteps\Jar

C:\SetupSteps\Jar>java -jar emuddamaal-pilot.jar

  ____ _
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/ /   \| | | |
\ \   /| | | |
 \___/\|_|_|_|
         |
:: Spring Boot ::                (v3.1.1)
```

5. When you run the application for the first time, it may ask you to trust and run java in a modal dialog like below. Click **Allow Access**



6. Open any web browser (Edge/Chrome), enter following URL and press enter
<http://localhost:5001/evidences>
7. It should open E-Mudda Maal application. You can now start adding evidences.

