

Lab - 0

Orientation & Setup

IT214 Database Management System, Autumn'2020; Instructor: minal_bhise@daiict, TA: mayank@daiict

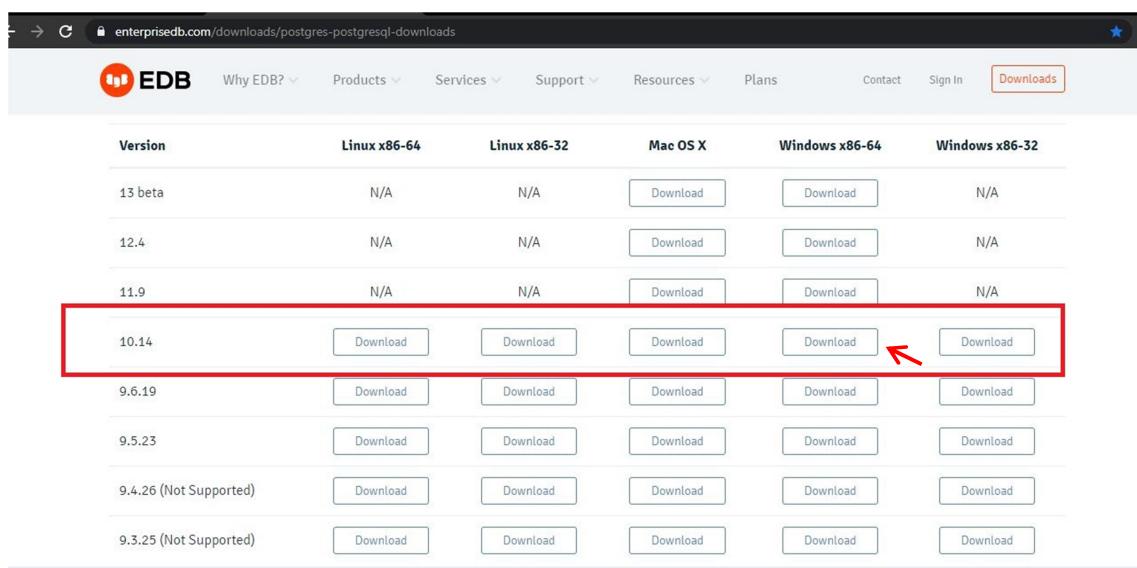
Objective: a) Install Posgres 10.14 & PgAdmin 4. b) Create A Database.

Submission: All students need to “Upload a Screenshot of the Database” created by you during lab.

a) Steps to Install Posgres 10.14 & PgAdmin 4.

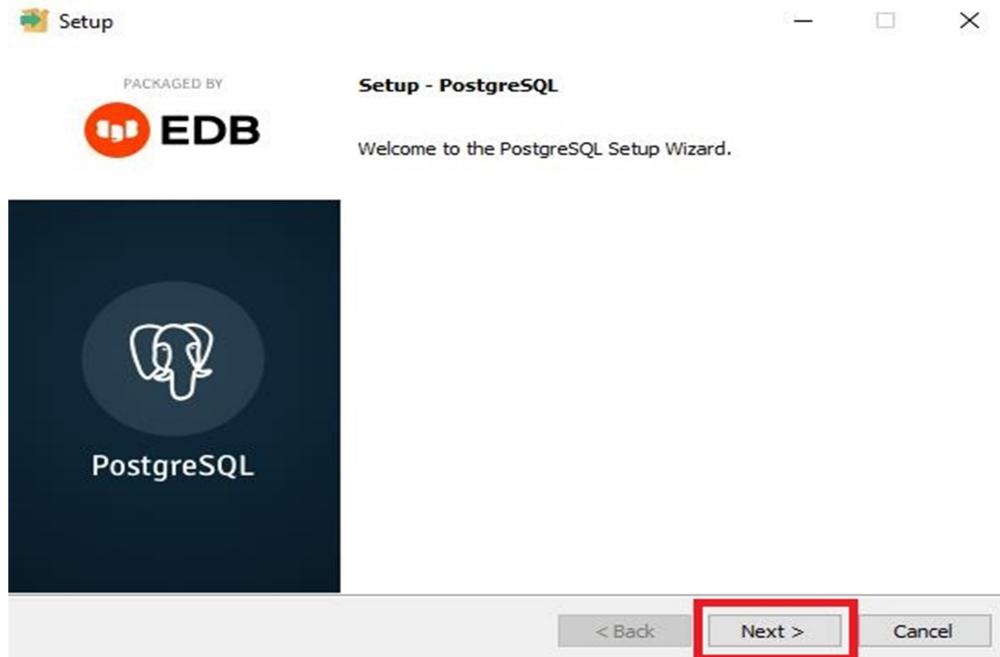
1. Click the link given below and download setup based on your OS. (**version must be 10.14**)

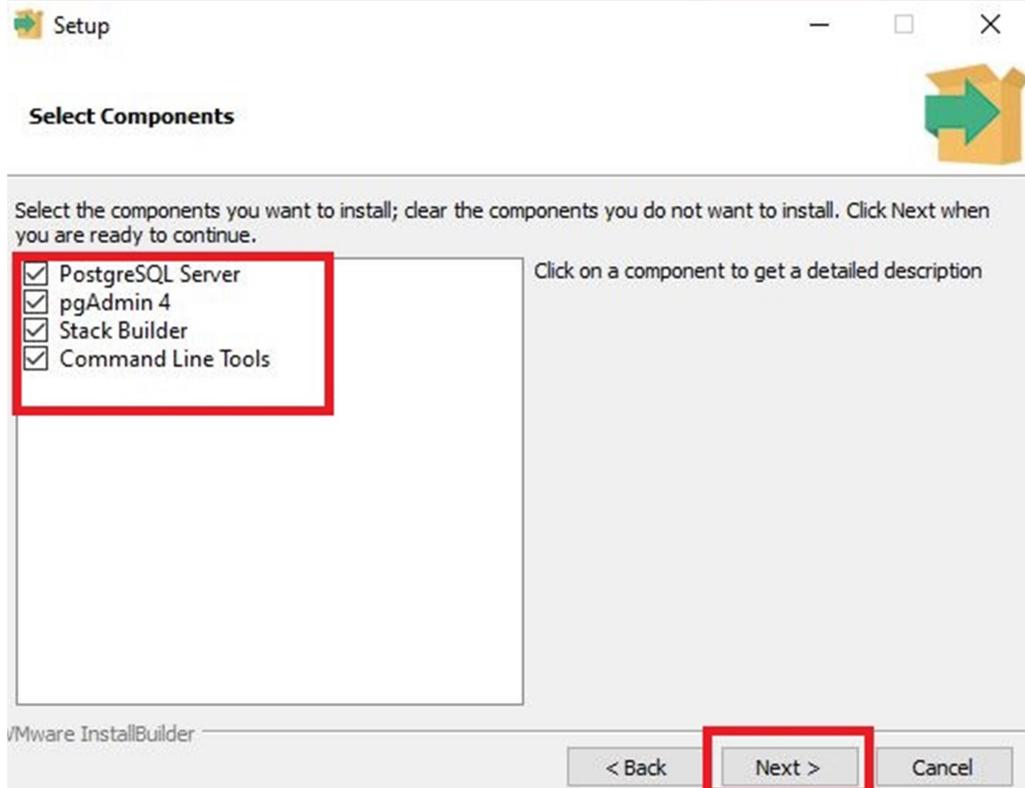
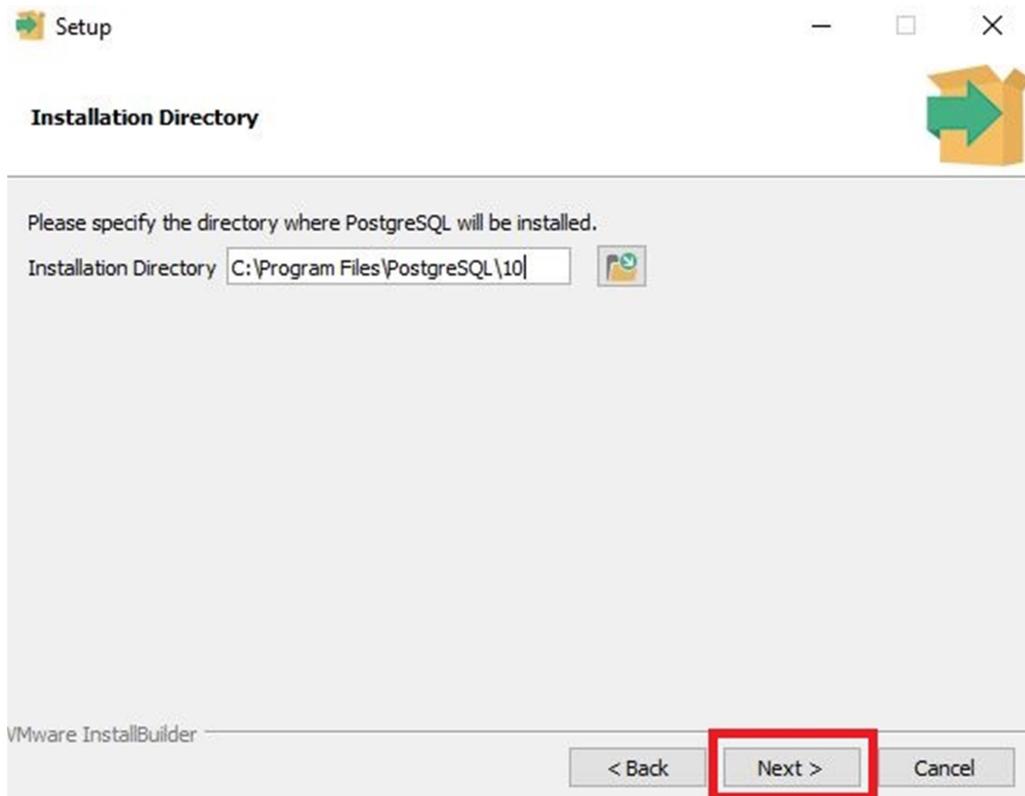
<https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>

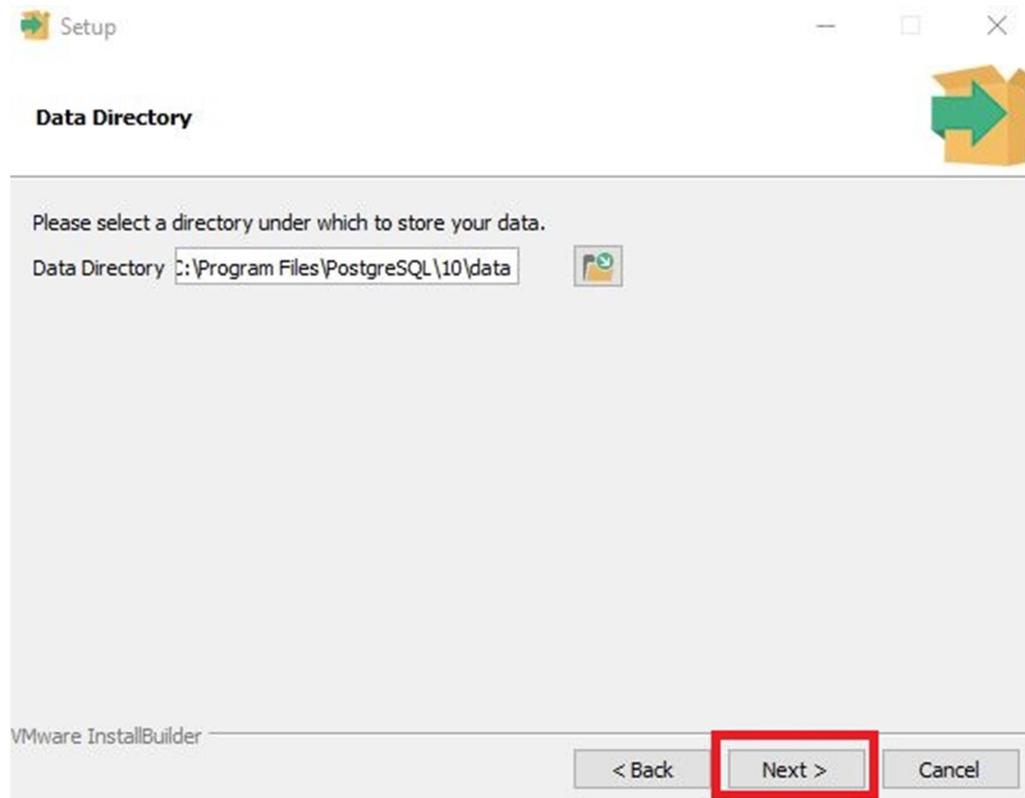


Version	Linux x86-64	Linux x86-32	Mac OS X	Windows x86-64	Windows x86-32
13 beta	N/A	N/A	Download	Download	N/A
12.4	N/A	N/A	Download	Download	N/A
11.9	N/A	N/A	Download	Download	N/A
10.14	Download				
9.6.19	Download				
9.5.23	Download				
9.4.26 (Not Supported)	Download				
9.3.25 (Not Supported)	Download				

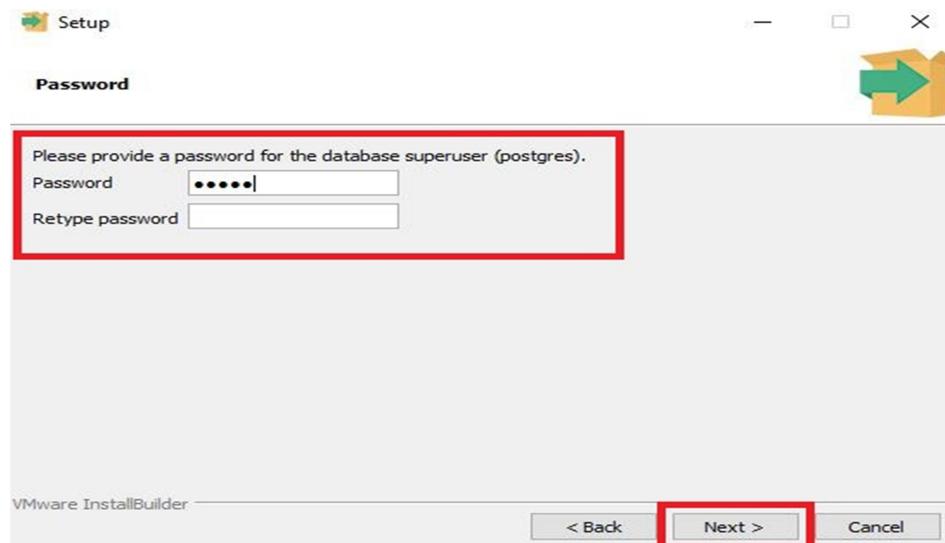
2. After downloading, run the setup.



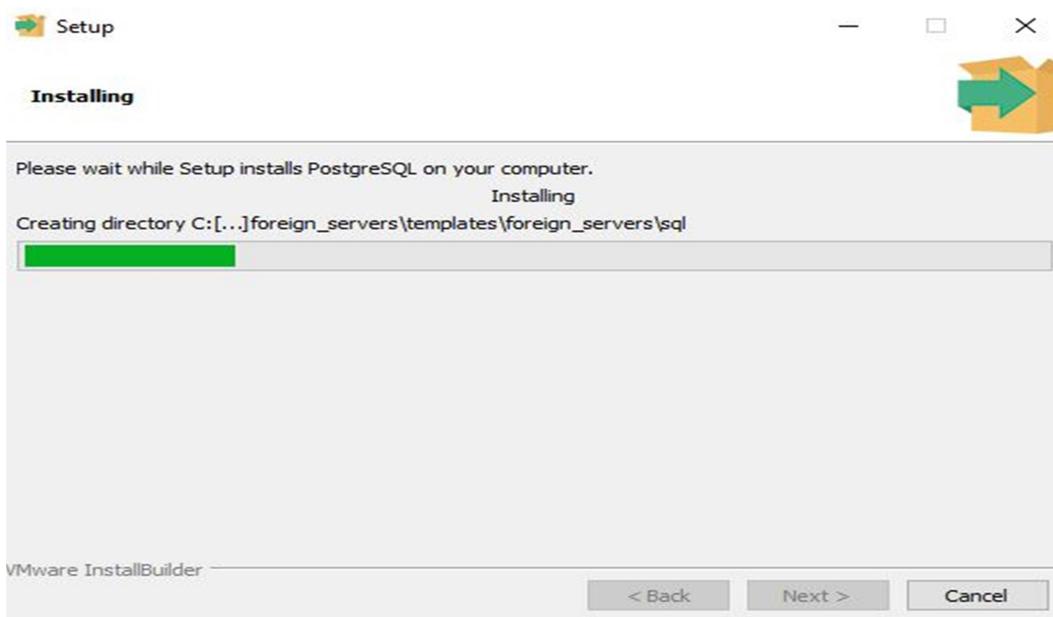
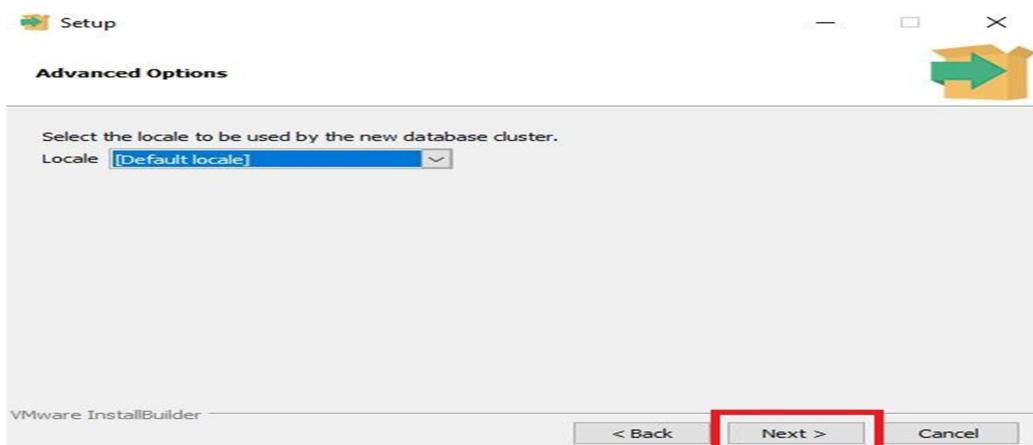
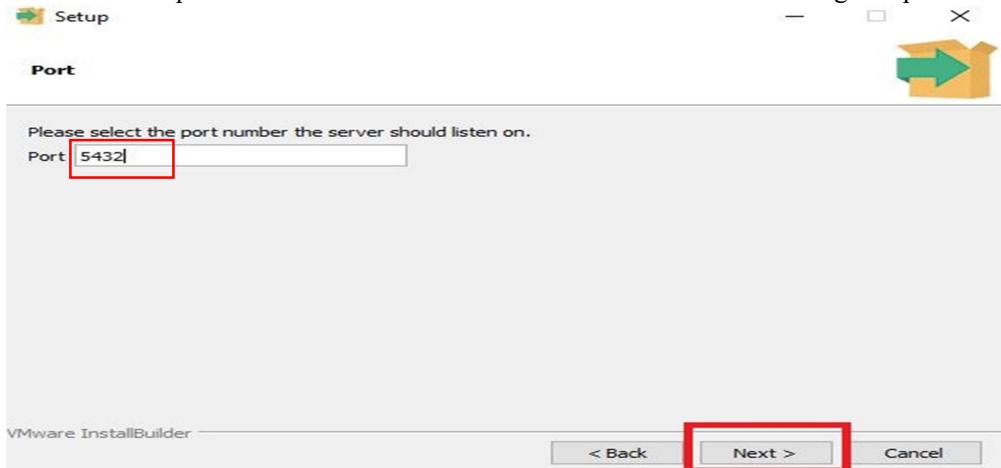


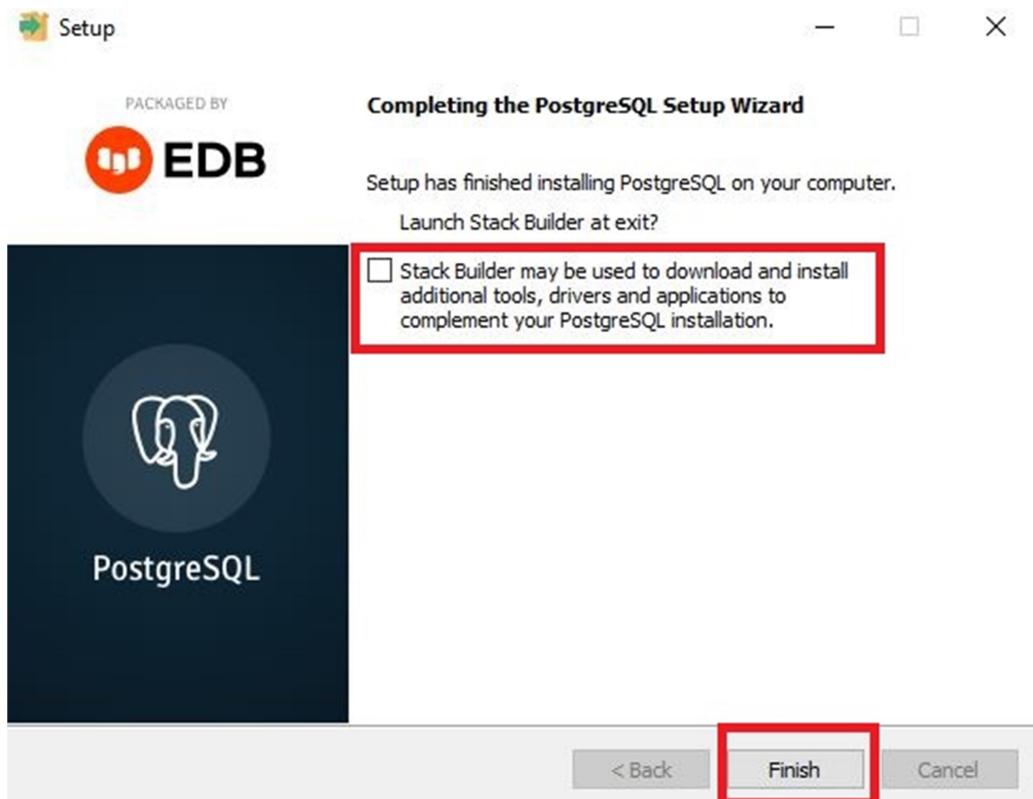


3. Password :: **admin**
(Keep your password as **admin** only)

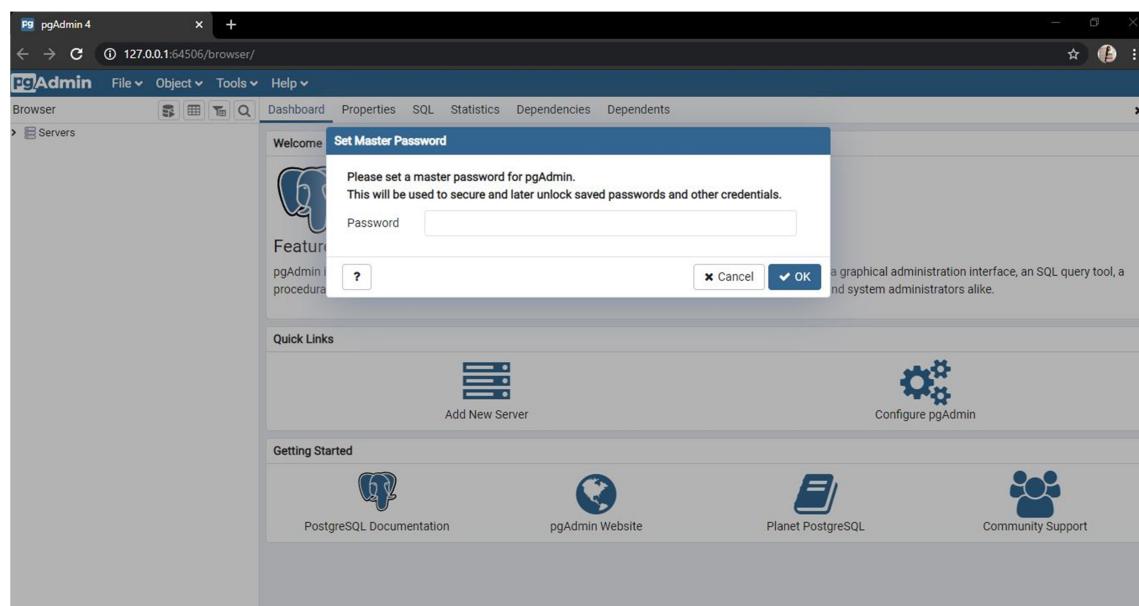


4. Note down the port number **5432**. It can be different if other DBMS is using that port.

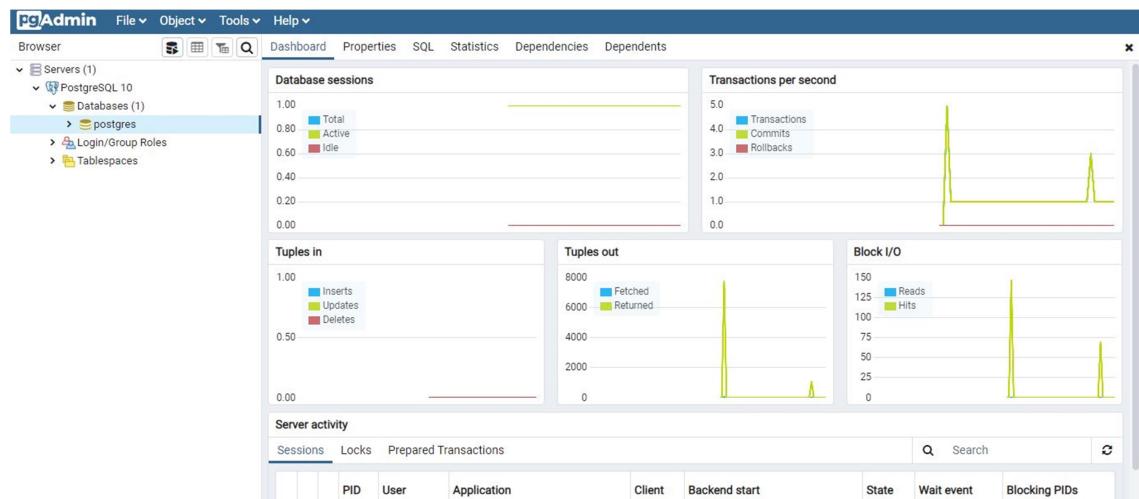
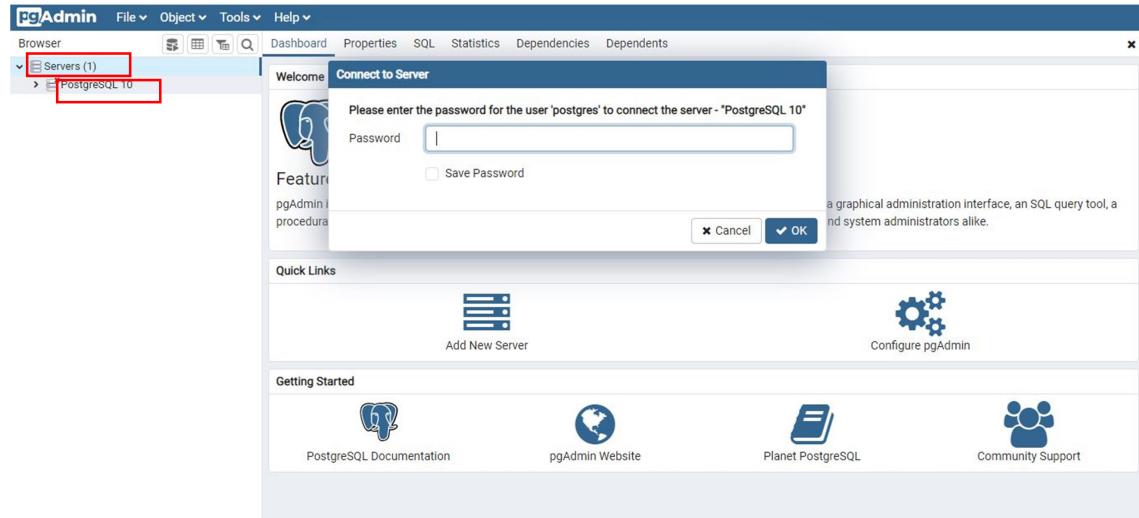




5. After installation click on START -> pgAdmin 4
- You will see the screen same as given below.
- Set Master Password as **admin** only. (Password: **admin**)

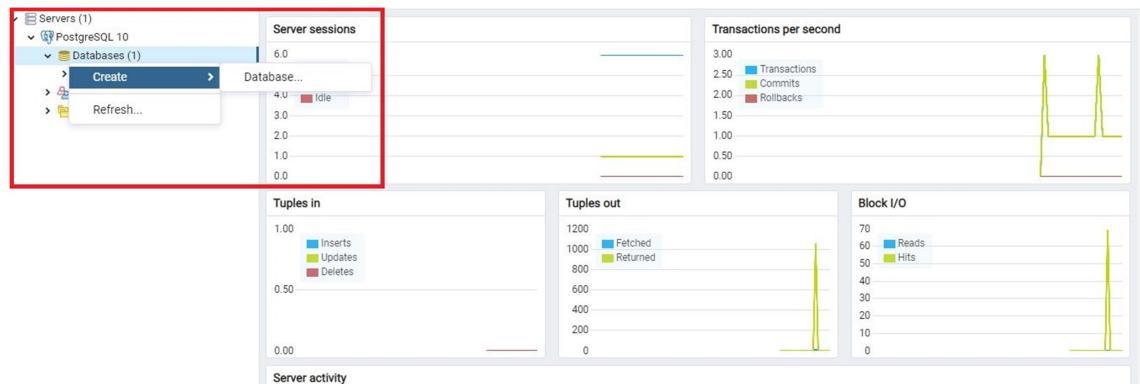


6. Click on Servers & then PostgreSQL 10, you will be asked for password as given below.
 Here, For connecting to server type Password as **admin**. (Password: **admin**)



b) Steps to create database.

1. Right click on the Databases to create new database as shown below.



2. Create database with the name as <your_id>_db

The screenshot shows the 'Create - Database' dialog box. The 'General' tab is selected. The 'Database' field contains the value '<your_id>_db', which is highlighted with a red box. The 'Owner' field is set to 'postgres'. The 'Comment' field is empty. At the bottom, there are buttons for 'Cancel', 'Reset', and 'Save' (highlighted with a blue box).

If your id is **202001001** then create database having name as **202001001_db**

3. You can see the created database here.

