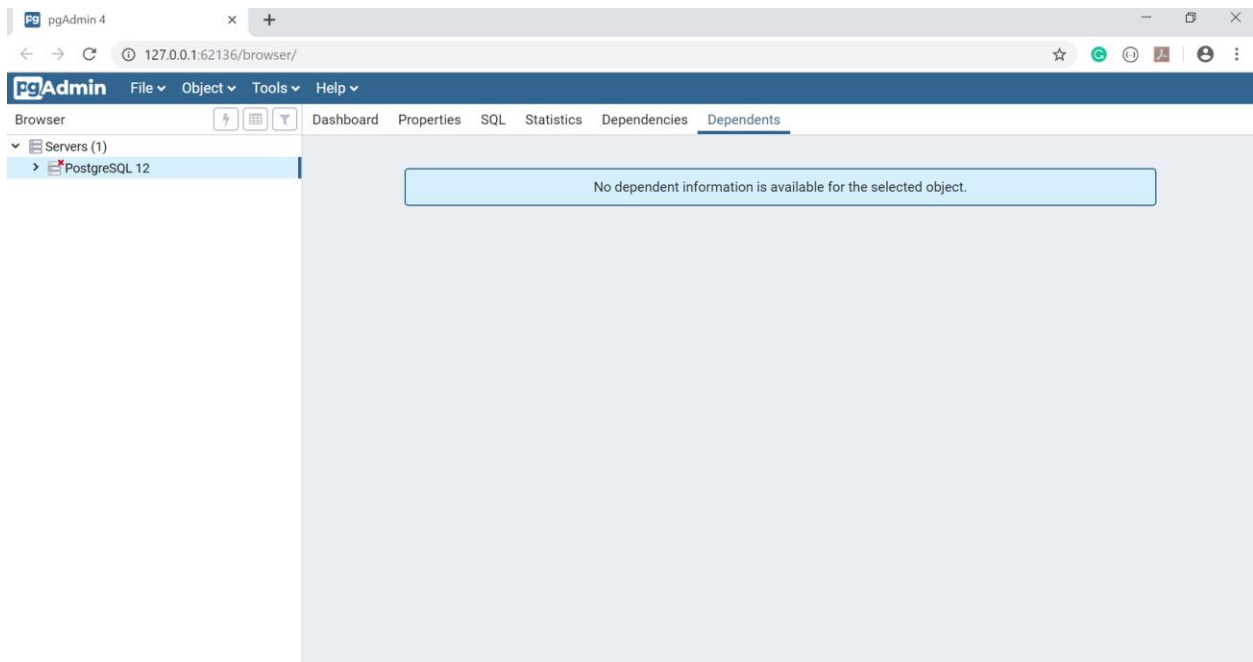


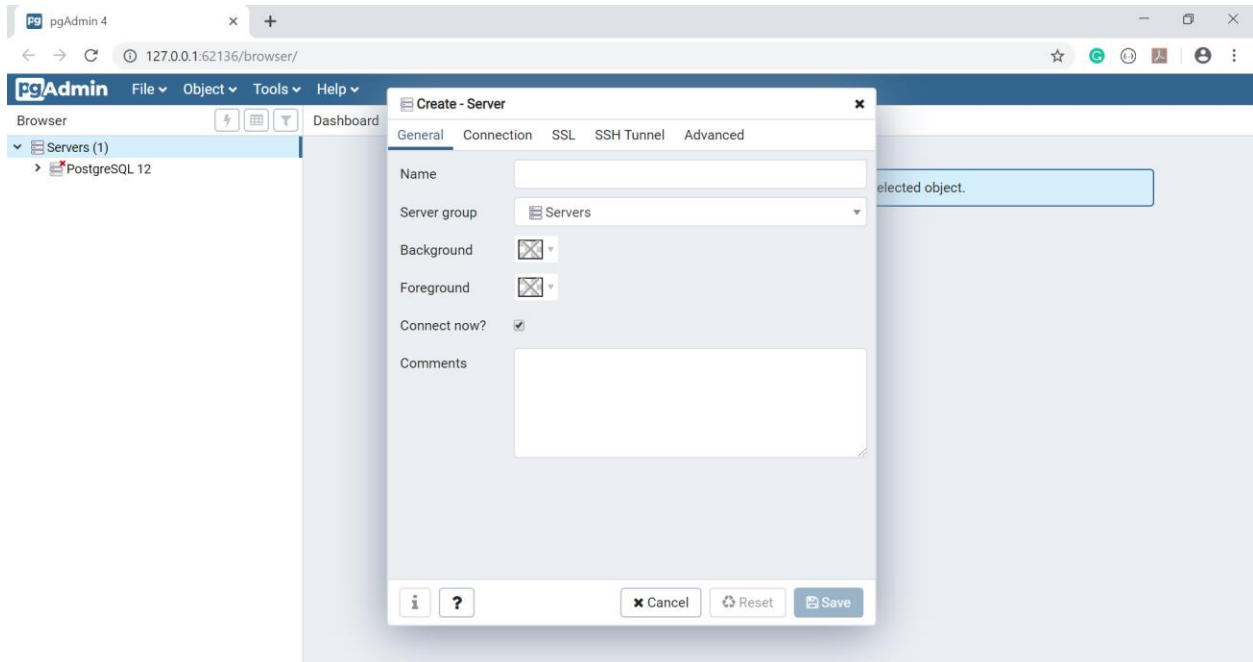
Steps to connect to Postgres on the uOttawa server

The steps in this document should be followed only if you want to use the uOttawa server. These steps are mentioned with the assumption that you have already downloaded and installed Postgres or at least pgAdmin on your own local machines as per the Lab5_PostgreSQLIntallation.ppt in the git repo.

1. Launch the pgAdmin application on your local system. If you have the latest pgAdmin (and we recommend that you do) it will run on your system's default browser.



2. Right click on the Servers option on the top left section of the page. You will see an option to **Create** a new **Server Group** or **Server**. Select the **Server** option here to get to this screen.



3. Enter the following details:

Under the **General** tab, in the **Name** section enter **uOttawa** or any other name you would like to give to the server.

Under the **Connection** tab,

Host name/ address: web0.eecs.uottawa.ca

Port: 15432

Maintaince DB: postgres

Username: <your uOttawa email alias>

Password: <your uOttawa email password>

Create - Server

GeneralConnectionSSLSSH TunnelAdvanced

Name

uOttawa

Server group

Servers

Background

☒

Foreground

☒

Connect now?

☒

Comments

?

Cancel

Reset

Save

Create - Server

GeneralConnectionSSLSSH TunnelAdvanced

Host name/address

web0.eecs.uottawa.ca

Port

15432

Maintenance database

postgres

Username

jfern090

Password

.....

Save password?

☐

Role

Service

?

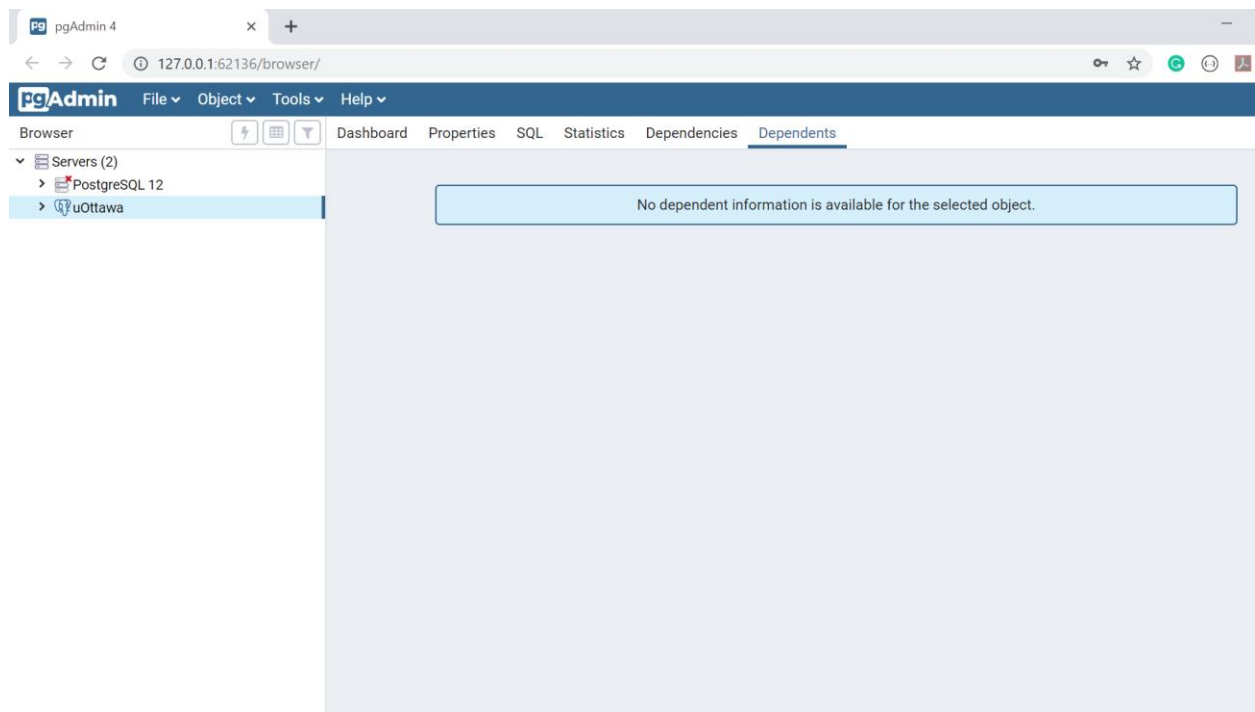
Cancel

Reset

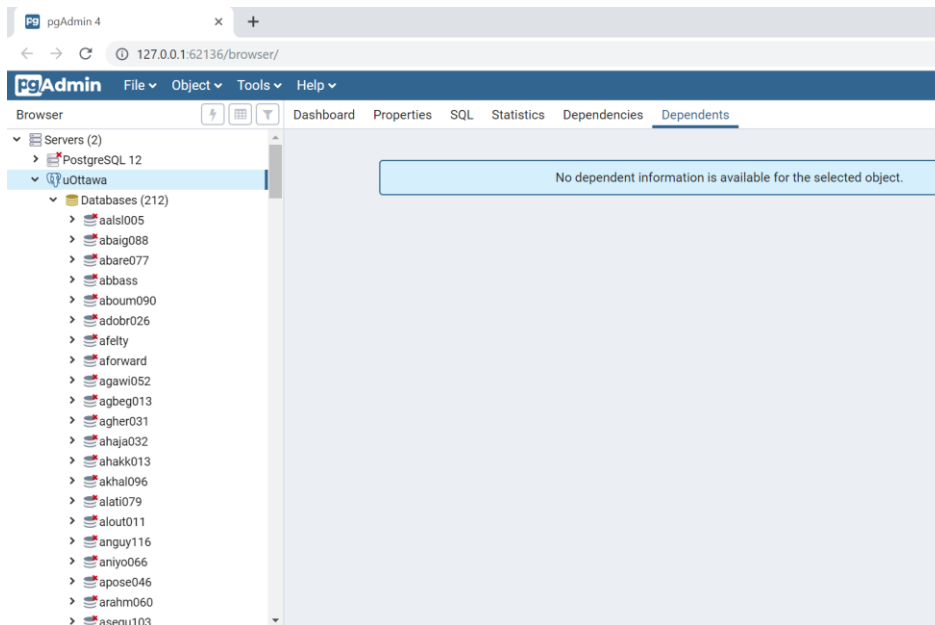
Save

Now click on **Save**.

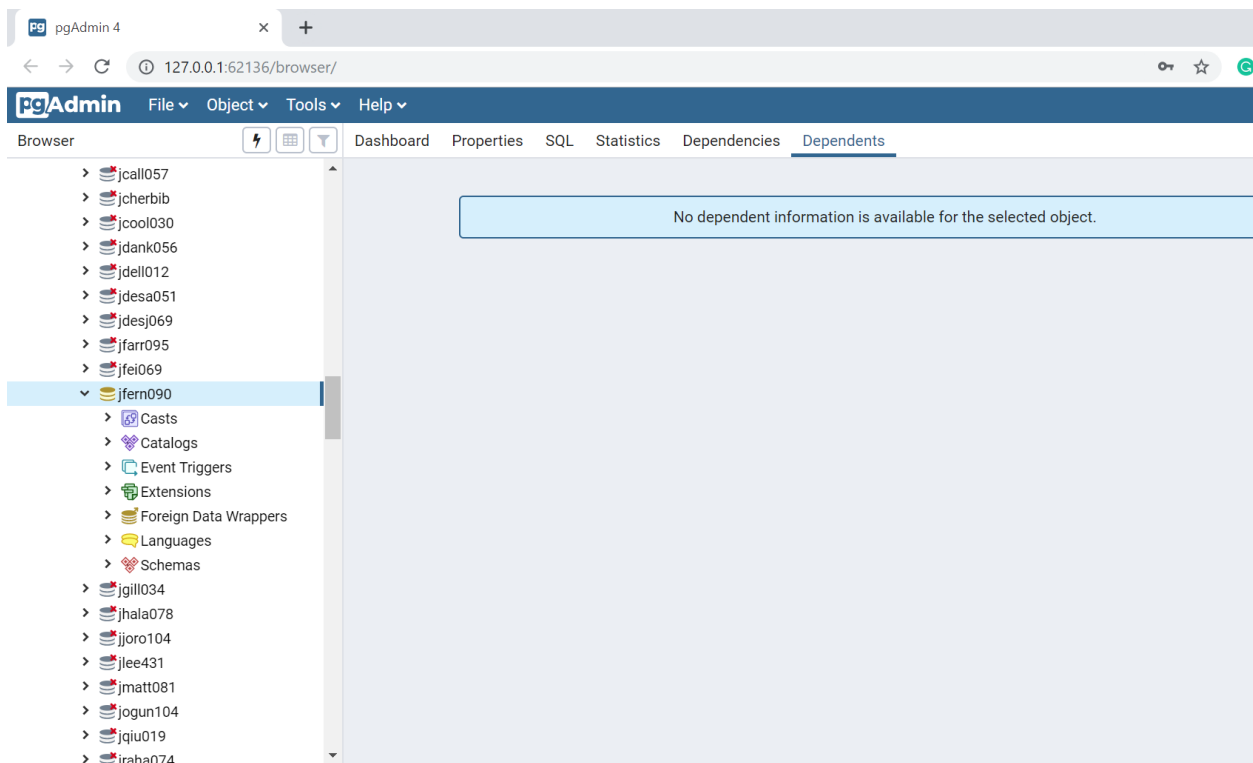
4. You should now see the new server access that you just created under the **Servers** option on the top left of the screen.



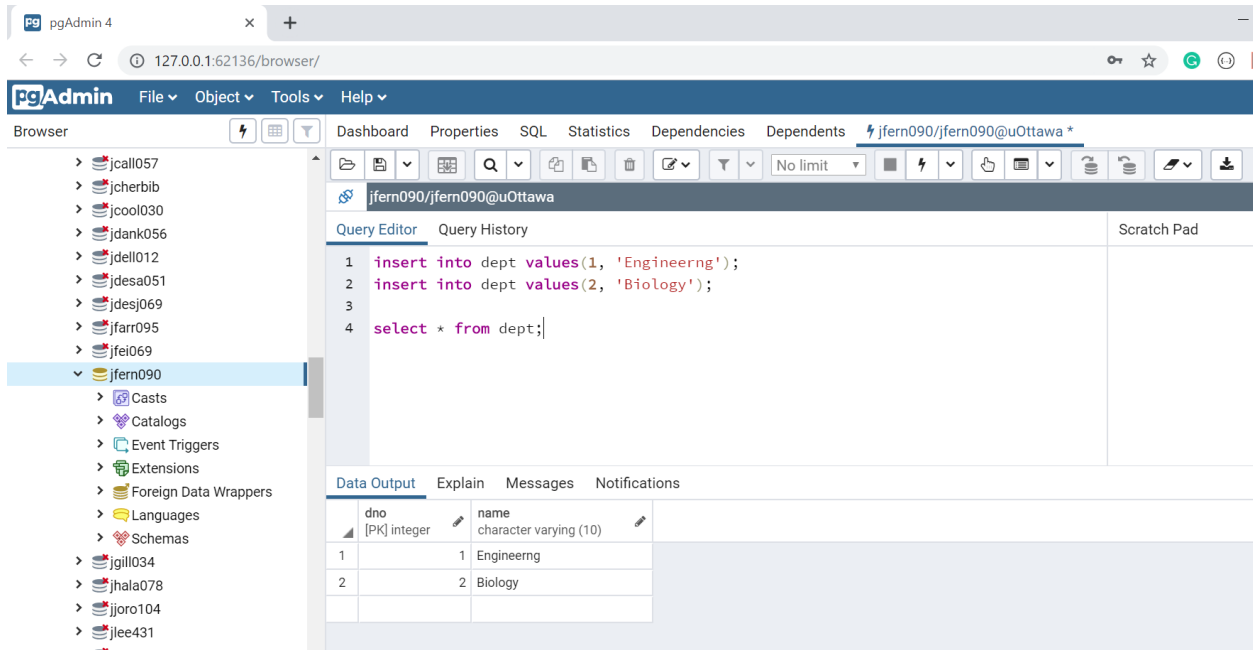
5. Expand the server name you just created and you will see 3 options with **Databases** beign one of them. Expand the **Databases** option and scroll down to your uOttawa user name database.



6. Select the database with your uOttawa name and expand it to access the database



7. You'll notice the **Thunderbolt** sign on the top of the Browse window is now clickable. Click that to open the **Query Editor**.



The screenshot shows the pgAdmin 4 web interface. The left sidebar displays a tree view of database objects, with the 'jfern090' database selected. The main panel is divided into two tabs: 'Query Editor' and 'Query History'. The 'Query Editor' tab is active, showing a SQL script with four lines: two 'insert into' statements and one 'select * from' statement. Below the editor, the 'Data Output' tab is active, displaying a table with two columns: 'dno' (integer) and 'name' (character varying (10)). The table contains two rows of data: (1, 'Engineerng') and (2, 'Biology').

dno	name
1	Engineerng
2	Biology

You can now try the queries mentioned in the Lab5 installation ppt.