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Installing PostgreSQL Tutorial

You will know you did everything successfully if at the end of this you can create a user from the login/signup page i created.

COME BACK TO THIS AT THE END!

At the end when you open pgAdmin create a new connection with the following credentials (leave everything else as is):

- **Name:** (anything you want)
- **Host:** localhost
- **Maintenance DB:** noteshare
- **Username:** noteshare
- **Password:** password

Its ok to store the password, were not doing anything really confidential.

To Find Tables:

- (Name You chose)
  - Databases
    - noteshare
      - Schemas
        - public
          - Tables

Figure out how to install postgres on your machines.

Mac

there's so many ways to do it, find the easiest way. *(message me if you cant figure it out)*

1. Install postgres

2. type `psql` or `psql -U postgres` in the console
3. you should receive a prompt with `postgres=#` , you might see `(your_username)=#` instead of postgres depending on how you installed it.
4. type: `CREATE USER noteshare WITH PASSWORD 'password';` <– dont forget ;
5. you will see: `CREATE ROLE` printed
6. type: `CREATE DATABASE noteshare;` <– dont forget ;
7. you will see `CREATE DATABASE` printed
8. type: `GRANT ALL PRIVILEGES ON DATABASE "noteshare" to noteshare;` <– dont forget ;
9. you will see: `GRANT` printed
10. To check type: `\du` to see users (noteshare should be listed), type `\list` to check databases (noteshare should be listed)
11. type: `\q` to exit the postgres command
12. Install pgAdmin4 to have a graphical user interface to see the database.

Windows

1. Install postgres: https://www.bigsql.org/postgresql/installers.jsp (**check on** pgAdmin when installing)
2. Once install open cmd and type: `psql -U postgres`
3. you should receive a prompt with `postgres=#`
4. type: `CREATE USER noteshare WITH PASSWORD 'password';` <– dont forget ;
5. you will see: `CREATE ROLE` printed
6. type: `CREATE DATABASE noteshare;` <– dont forget ;
7. you will see `CREATE DATABASE` printed
8. type: `GRANT ALL PRIVILEGES ON DATABASE "noteshare" to noteshare;` <– dont forget ;
9. you will see: `GRANT` printed
10. To check type: `\du` to see users (noteshare should be listed), type `\list` to check databases (noteshare should be listed)
11. type: `\q` to exit the postgres command
12. Open pgAdmin to have a graphical user interface

Linux

1. Install postgres: `sudo apt-get install postgresql`

2. type `psql` or `psql -U postgres` in the console. If it says you dont have access try doing `sudo -i -u postgres` first.

3. you should receive a prompt with `postgres=#`

4. type: `CREATE USER noteshare WITH PASSWORD 'password';` <– dont forget ;

5. you will see: `CREATE ROLE` printed

6. type: `CREATE DATABASE noteshare;` <– dont forget ;

7. you will see `CREATE DATABASE` printed

8. type: `GRANT ALL PRIVILEGES ON DATABASE "noteshare" to noteshare;` <– dont forget ;

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10. To check type: `\du` to see users (noteshare should be listed), type `\list` to check databases (noteshare should be listed)

11. type: `\q` to exit the postgres command

12. Install pgAdmin to have a graphical user interface