Creating A Database User Account in the Course Server

By

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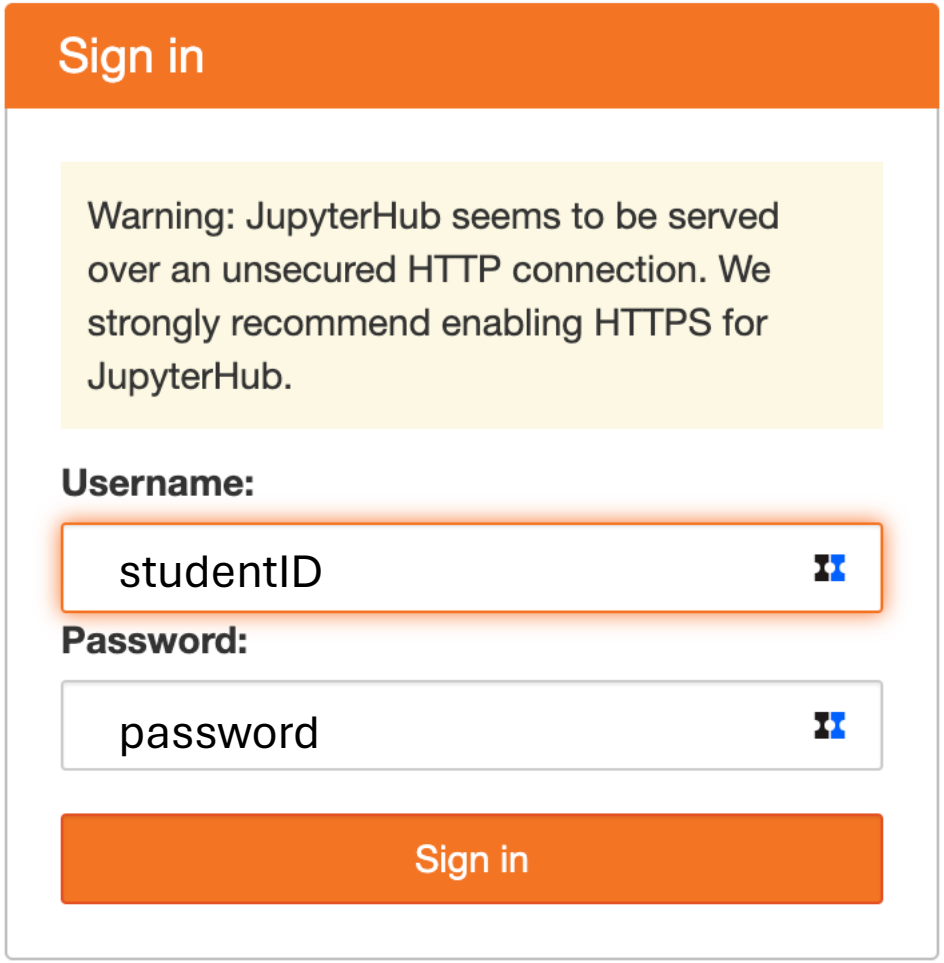
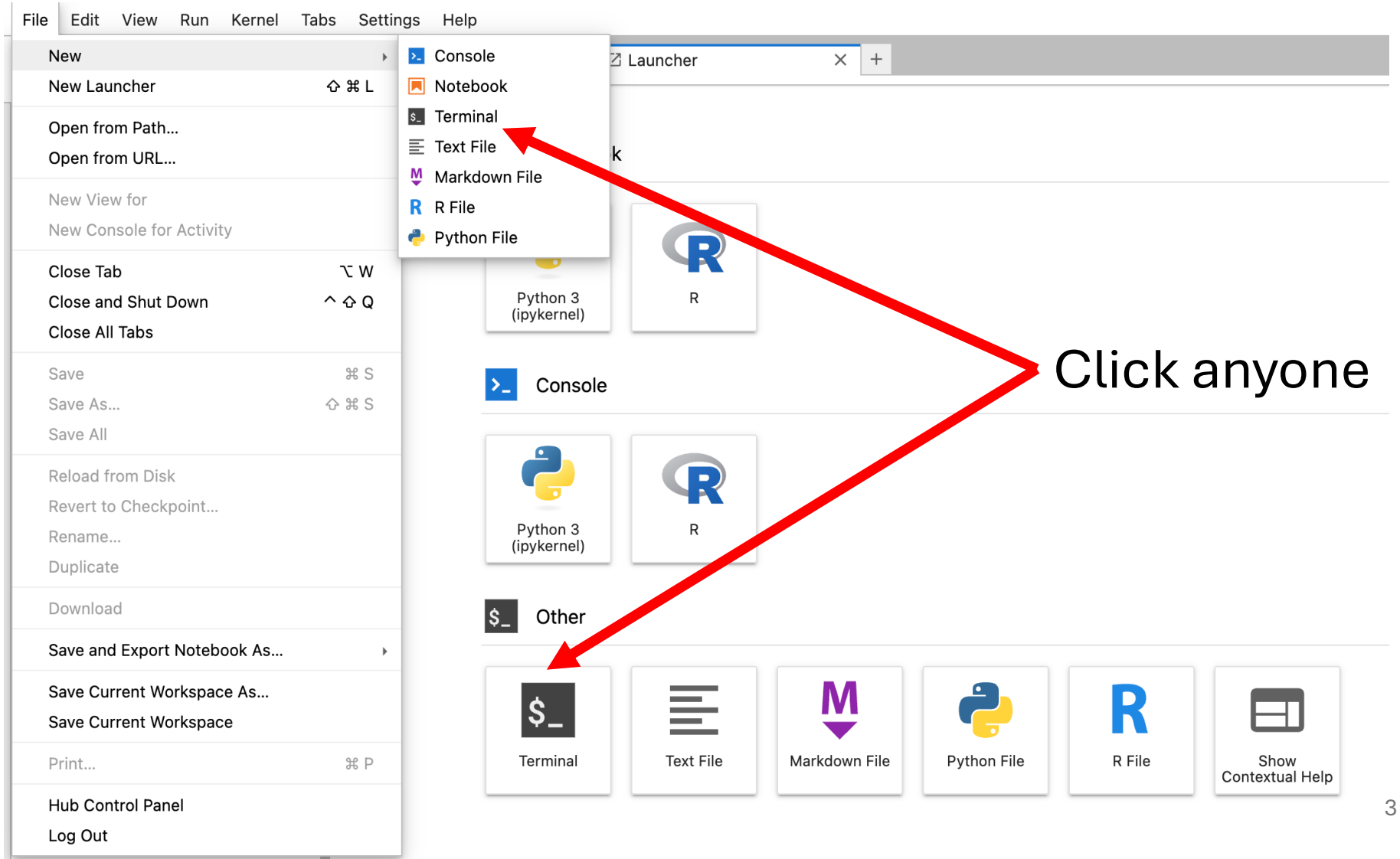
Step 1: Login into the Jupyter Hub of the Course Server



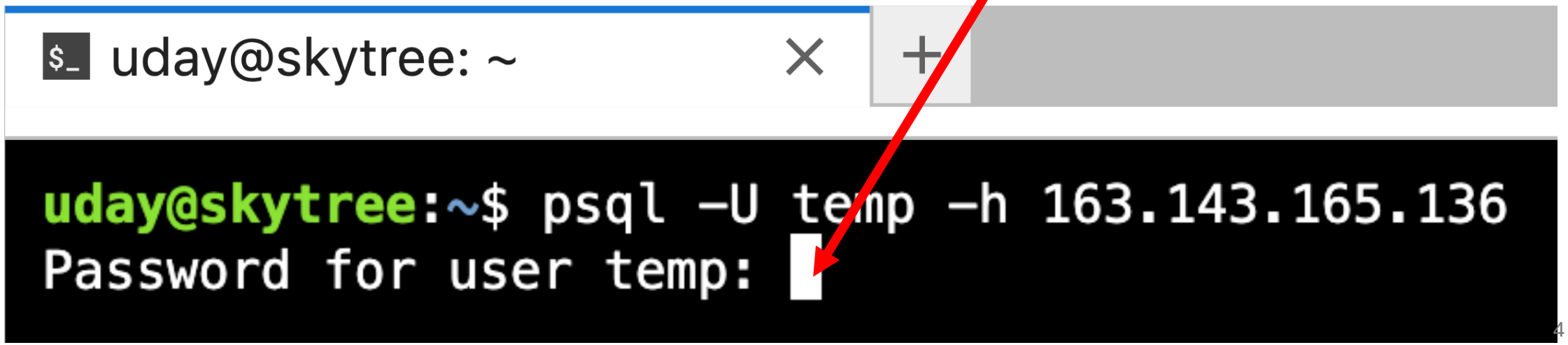
Step 2: Open Terminal



Step 3: Login into the Postgres using sudo account

Type the following command in the terminal: *psql -U temp -h 163.143.165.136*
or
psql -U temp -h localhost

Type the following password: temp@14916



Step 4: Create your student account and database

Execute the following commands:

CREATE USER *studentID* WITH PASSWORD *'yourPassword'* CREATEDB;

CREATE database *studentID;*

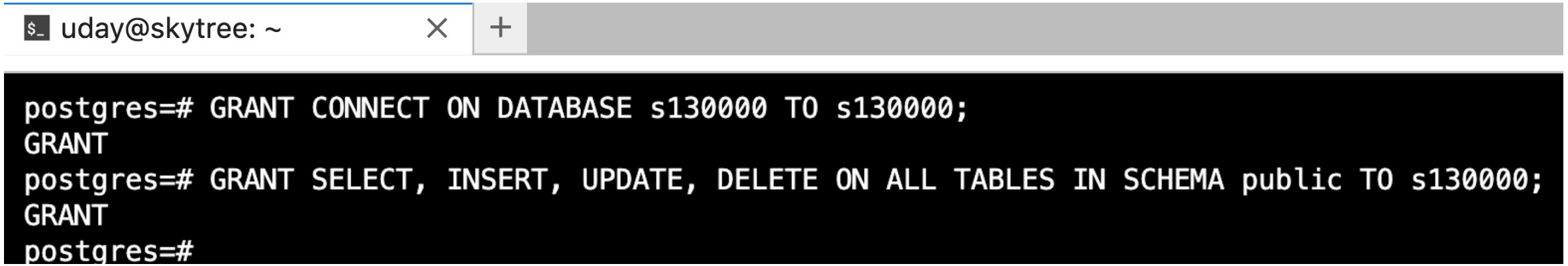
```
postgres=# create user s130000 with password 'yourPassword' createdb;
CREATE ROLE
postgres=# create database s130000;
CREATE DATABASE
```

Step 5: Granting Permissions to the Student

Execute the following commands:

GRANT CONNECT ON DATABASE *studentID* TO *studentID;*

GRANT SELECT, INSERT, UPDATE, DELETE ON ALL TABLES IN SCHEMA public TO *studentID*;



Step 6: Connecting to Student Database

Execute the following commands:

\c studentID - *Connecting to your database*

create extension postgis

```
postgres=# \c s130000
psql (16.3 (Ubuntu 16.3-1.pgdg22.04+1), server 13.15 (Ubuntu 13.15-1.pgdg22.04+1))
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, compression: off)
You are now connected to database "s130000" as user "temp".
s130000=# create extension postgis;
CREATE EXTENSION
```

Step 7: Quit from the database

- Press Control + D

  or

  Type \q

```
s130000=#
\q
uday@skytree:~$
```

Step 8: Login into your database

Execute the following command:

psql -U *studentID* -h localhost

```
uday@skytree:~$ psql -U s130000 -h localhost
Password for user s130000:
```

type your password that specified in Step 4