



The screenshot shows a VS Code interface with a terminal window open. The terminal displays the command to execute an SSH tunnel: `ssh -i C:\Users\rappa\OneDrive\Desktop\Repository\App-dev_E_Commerce> ssh -i C:\Users\rappa\ssh\id_ed25519 -L 3306:localhost:3306 -p 22077 s22105000@web.dcism.org`. The output shows the user is logged in as s22105000 on the web.dcism.org machine, which is running Linux 6.1.0-26-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.112-1 (2024-09-30) x86_64. The terminal also shows the last login time and the current prompt `s22105000@web:~$`. On the right side of the VS Code window, there are three tabs: `node frontend`, `node backend`, and `ssh`.

Unset

```
ssh -i C:\Users\rappa\ssh\id_ed25519 -L 3306:localhost:3306 -p 22077  
s22105000@web.dcism.org
```

Example on how I execute SSH-Tunneling on my local

I have to make SSH keys for both of your laptops/pcs in order for you guys to connect the database.

Username: **s22105000**

Password: **183492761**

1. Follow the **CS-3106-SSH-Key-Generation-Assignment.pdf** and use the Username and my Password to generate SSH keys.
2. After finishing all of the instructions. Open a terminal in your VS code and type the code

Unset

```
ssh -i C:\Path_to_your_file\name_of_the_file -L 3306:localhost:3306 -p 22077  
s22105000@web.dcism.org
```

3. You should be able to connect my database.