

Server Access and File transfer

In the current hackathon on chatbot, we will execute code on the server instead of on Google's Colab. The user id and password for the server login will be provided for each team by the mentors in the lab. Please find the steps below to connect to the server. Once you have connected to the server, you will find the files related to the hackathon. If you want to make any changes to the existing files or to add new data you need to use filezilla and upload them in the corresponding folders.

Everytime you connect to the server, activate the virtual environment with the following command: **source venv/bin/activate** and continue working on it.

Steps to Connect to the Server

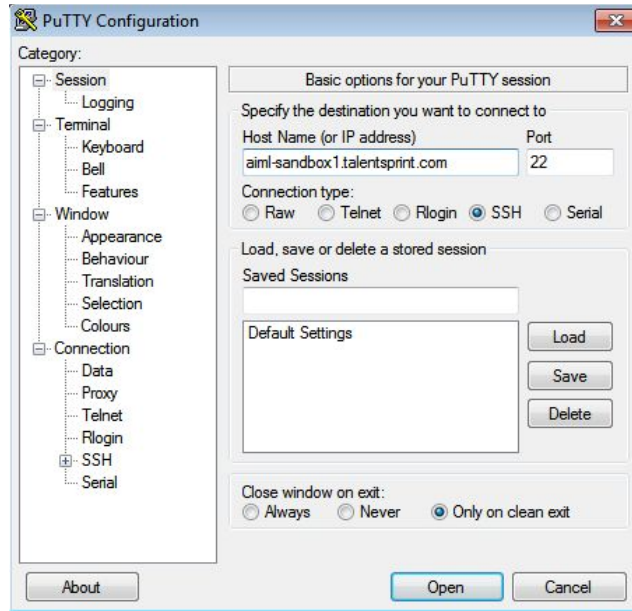
For Windows:

- Download PuTTY from <http://www.chiark.greenend.org.uk/~sgtatham/putty/>
- Open the downloaded folder and double click on **putty.exe** program to run the application.
- Enter server connection settings.

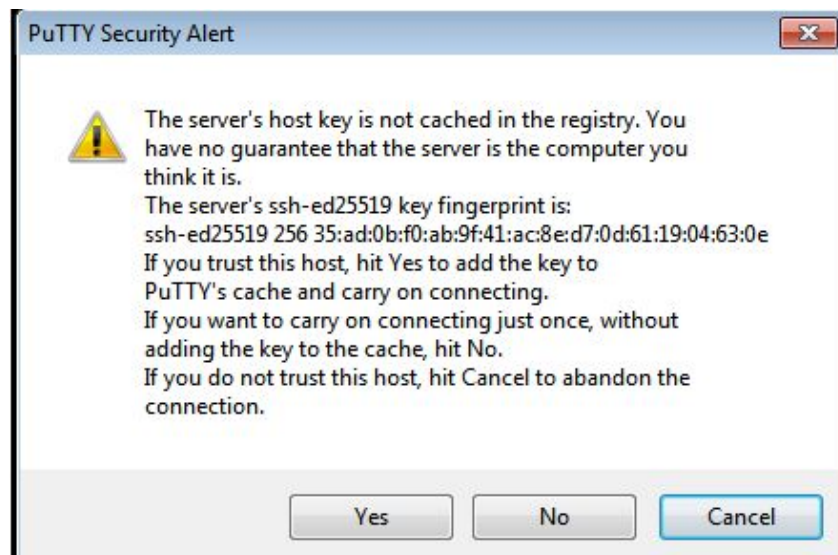
Hostname: aiml-sandbox1.talentsprint.com

Port: 22

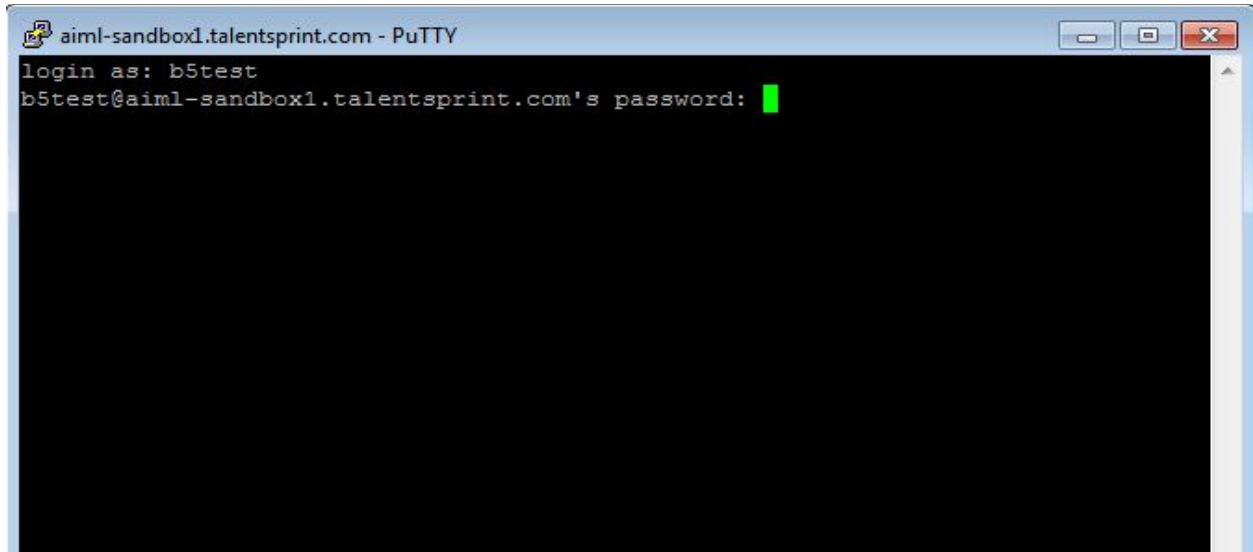
Connection type: SSH



4. If this is your first time connecting to the server from your computer, you will see the following output. Accept the connection by clicking on “Yes”.

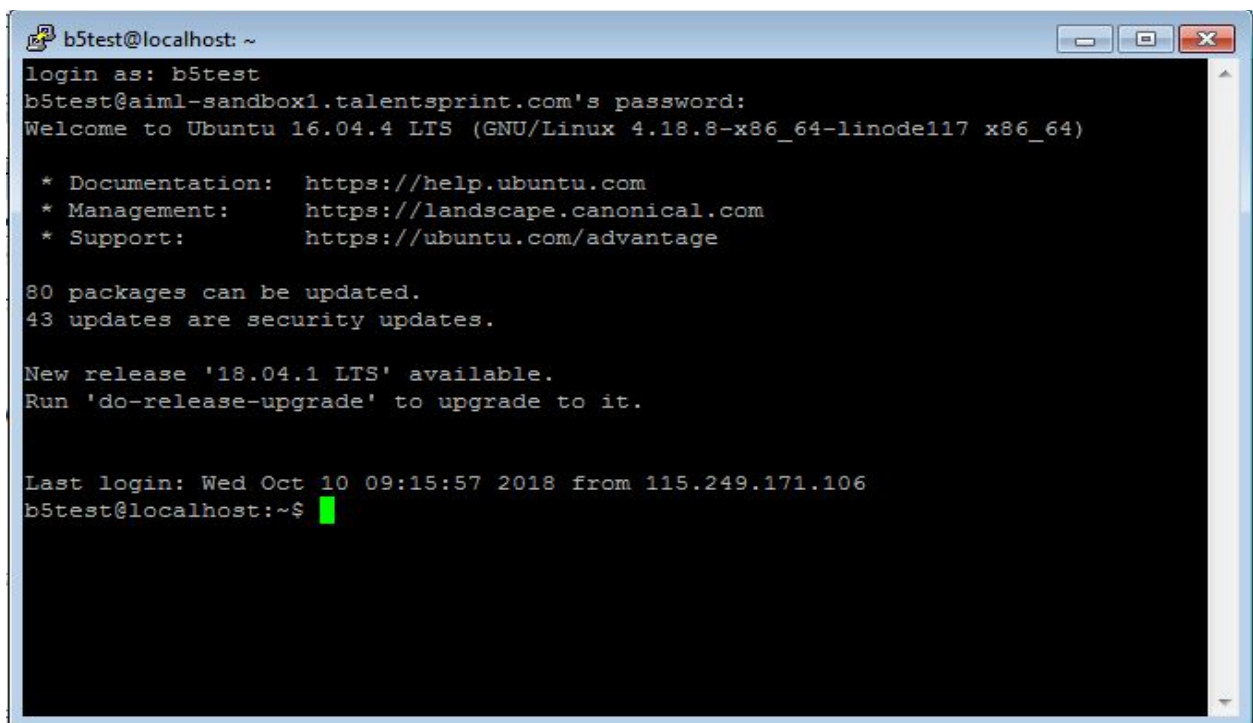


5. Once the SSH Connection is open, you should see a terminal prompt **asking for your username and password**. Please note that you will not see your cursor moving while typing your password.

A terminal window titled 'aiml-sandbox1.talentsprint.com - PuTTY'. The prompt is 'login as: b5test'. The user has entered their password, indicated by a green cursor at the end of the line 'b5test@aiml-sandbox1.talentsprint.com's password:'.

```
aiml-sandbox1.talentsprint.com - PuTTY
login as: b5test
b5test@aiml-sandbox1.talentsprint.com's password: 
```

6. You should see output like below if you are successfully logged in.

A terminal window titled 'b5test@localhost: ~'. It shows the output of a successful login to a Ubuntu system. The prompt is 'login as: b5test'. The user has entered their password. The system displays the Ubuntu version and architecture, followed by links for documentation, management, and support. It also shows package update information and the last login details.

```
b5test@localhost: ~
login as: b5test
b5test@aiml-sandbox1.talentsprint.com's password:
Welcome to Ubuntu 16.04.4 LTS (GNU/Linux 4.18.8-x86_64-linode117 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

80 packages can be updated.
43 updates are security updates.

New release '18.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Wed Oct 10 09:15:57 2018 from 115.249.171.106
b5test@localhost:~$ 
```

7. After logging in to SSH please activate your virtual environment using the command below:

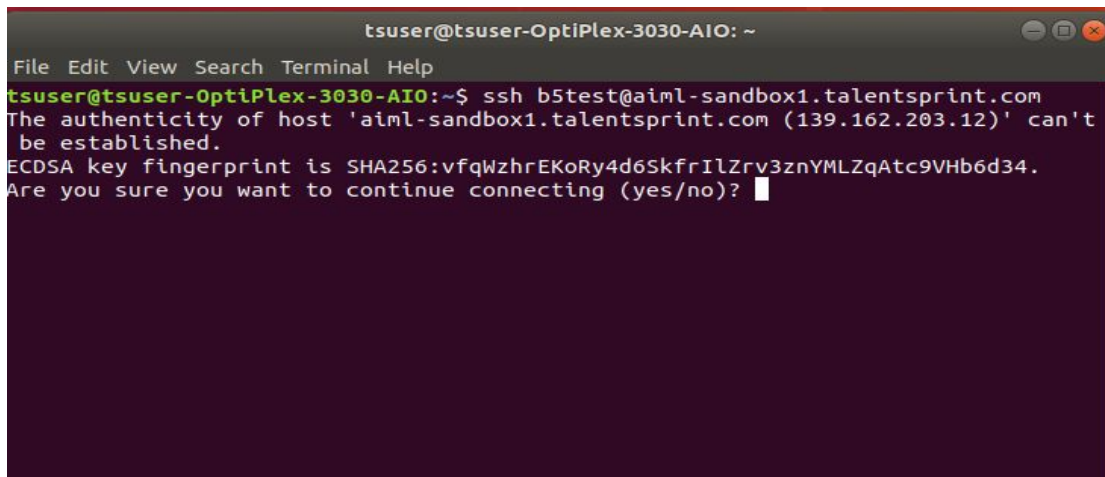
source venv/bin/activate

For Linux/Mac:

1. Open the Terminal
2. Login to server **aiml-sandbox1.talentsprint.com** using your username as below.

Eg: ssh <username>@aiml-sandbox1.talentsprint.com

If it is your first time connecting to the server from this computer, accept the connection by typing "yes".

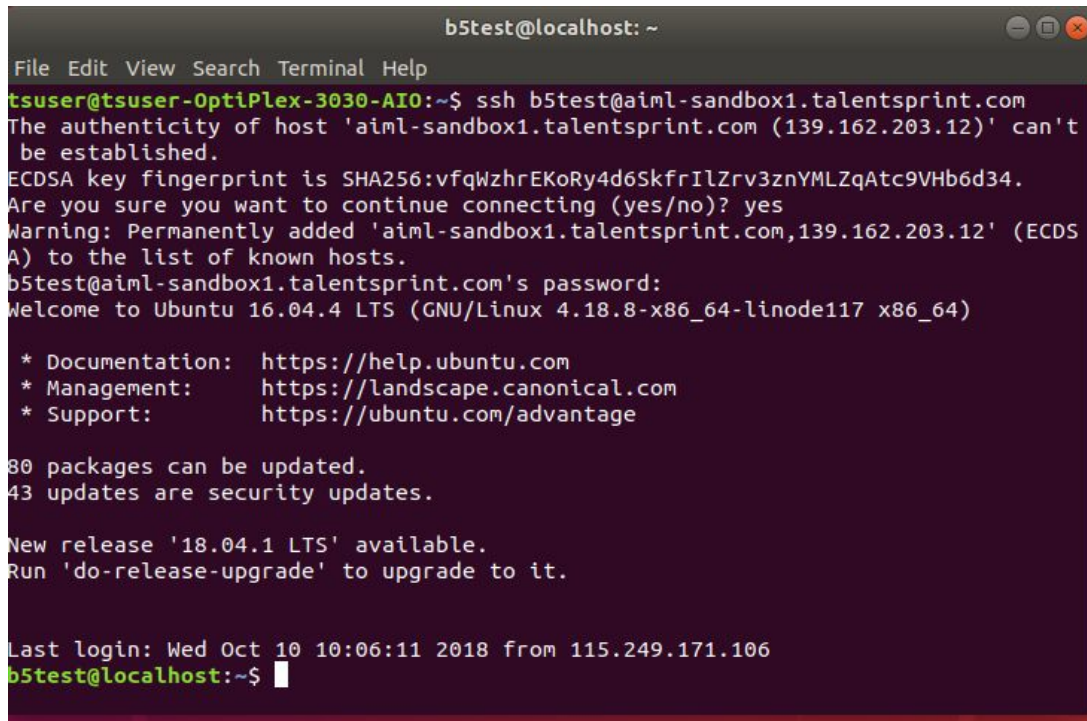
A screenshot of a Linux terminal window. The title bar reads 'tsuser@tsuser-OptiPlex-3030-AIO: ~'. The menu bar includes 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The terminal content shows a command 'ssh b5test@aiml-sandbox1.talentsprint.com' being entered. The output indicates that the authenticity of the host cannot be established and displays the ECDSA key fingerprint: 'SHA256:vfqWzhrEKoRy4d6SkfrILZrv3znYMLZqAtc9VHb6d34.'. It then prompts the user with 'Are you sure you want to continue connecting (yes/no)?' followed by a cursor.

```
tsuser@tsuser-OptiPlex-3030-AIO: ~  
File Edit View Search Terminal Help  
tsuser@tsuser-OptiPlex-3030-AIO:~$ ssh b5test@aiml-sandbox1.talentsprint.com  
The authenticity of host 'aiml-sandbox1.talentsprint.com (139.162.203.12)' can't  
be established.  
ECDSA key fingerprint is SHA256:vfqWzhrEKoRy4d6SkfrILZrv3znYMLZqAtc9VHb6d34.  
Are you sure you want to continue connecting (yes/no)?
```

3. You will now be prompted to enter your password.

Please note that you will not see your cursor moving while typing your password.

You should see the below output if you have successfully logged in.

A terminal window titled 'b5test@localhost: ~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows an SSH session from 'tsuser@tsuser-OptiPlex-3030-AIO' to 'b5test@aml-sandbox1.talentsprint.com'. It displays host fingerprint information, a confirmation to add the host to known hosts, a password prompt, and a 'Welcome to Ubuntu 16.04.4 LTS' message. It also lists documentation, management, and support links, and shows package update statistics (80 packages, 43 security updates). A new release '18.04.1 LTS' is mentioned. The session ends with a 'Last login' timestamp and the prompt 'b5test@localhost:~\$'.

4. After logging in to SSH, please activate your virtual environment using the command below **(Mandatory)**: `source venv/bin/activate`

File copy via Filezilla Configuration

Once you're connected to the server, if you would like to make any changes or would like to add additional files, then please use the following setup:

Installation Steps:

Install Filezilla in Linux OS:

- Run the following command in your terminal to install Filezilla
 - `sudo apt-get install filezilla`

Install Filezilla in Windows OS:

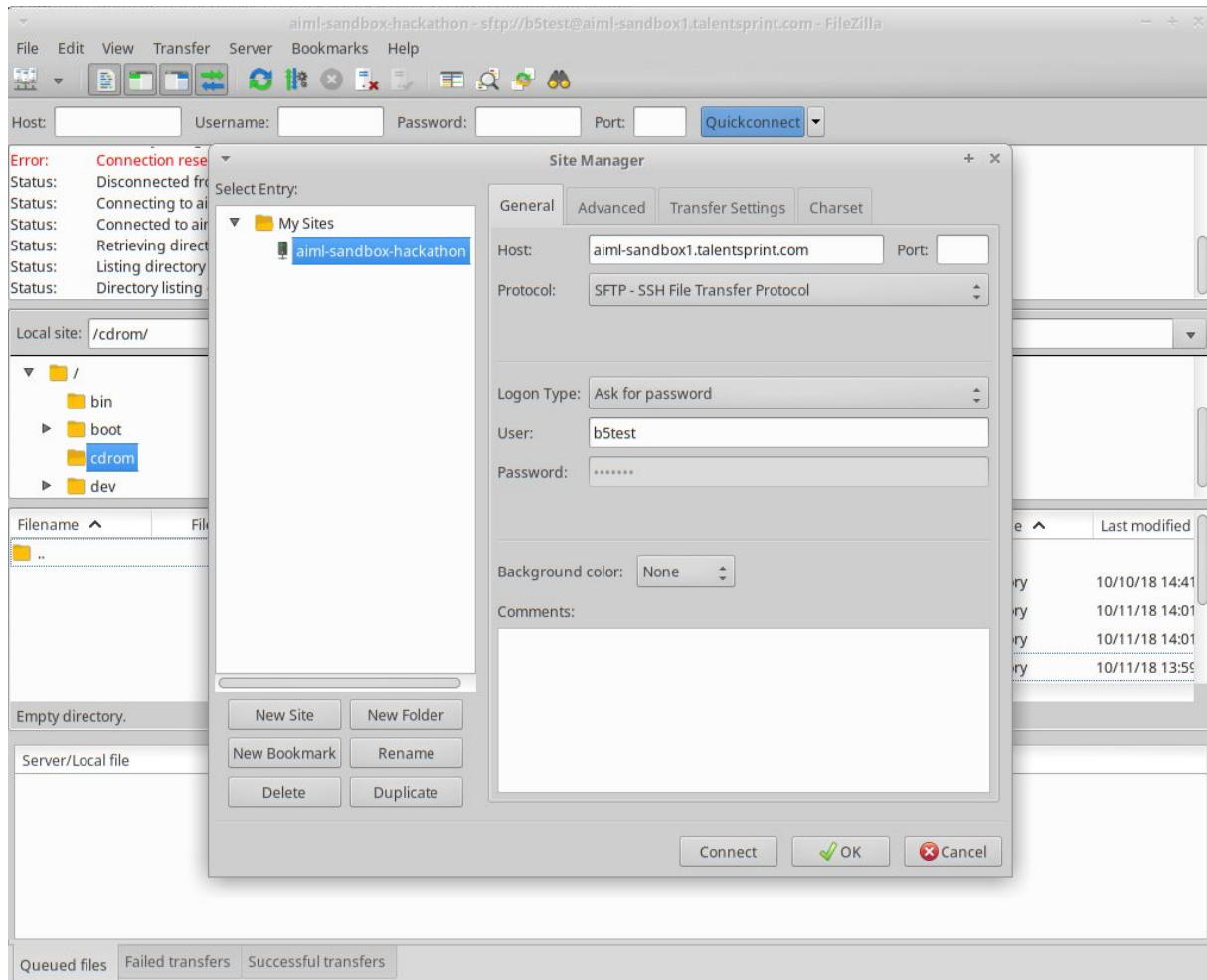
- Download Filezilla using below link:
 - <https://filezilla-project.org/download.php?type=client>

Install Filezilla in Mac:

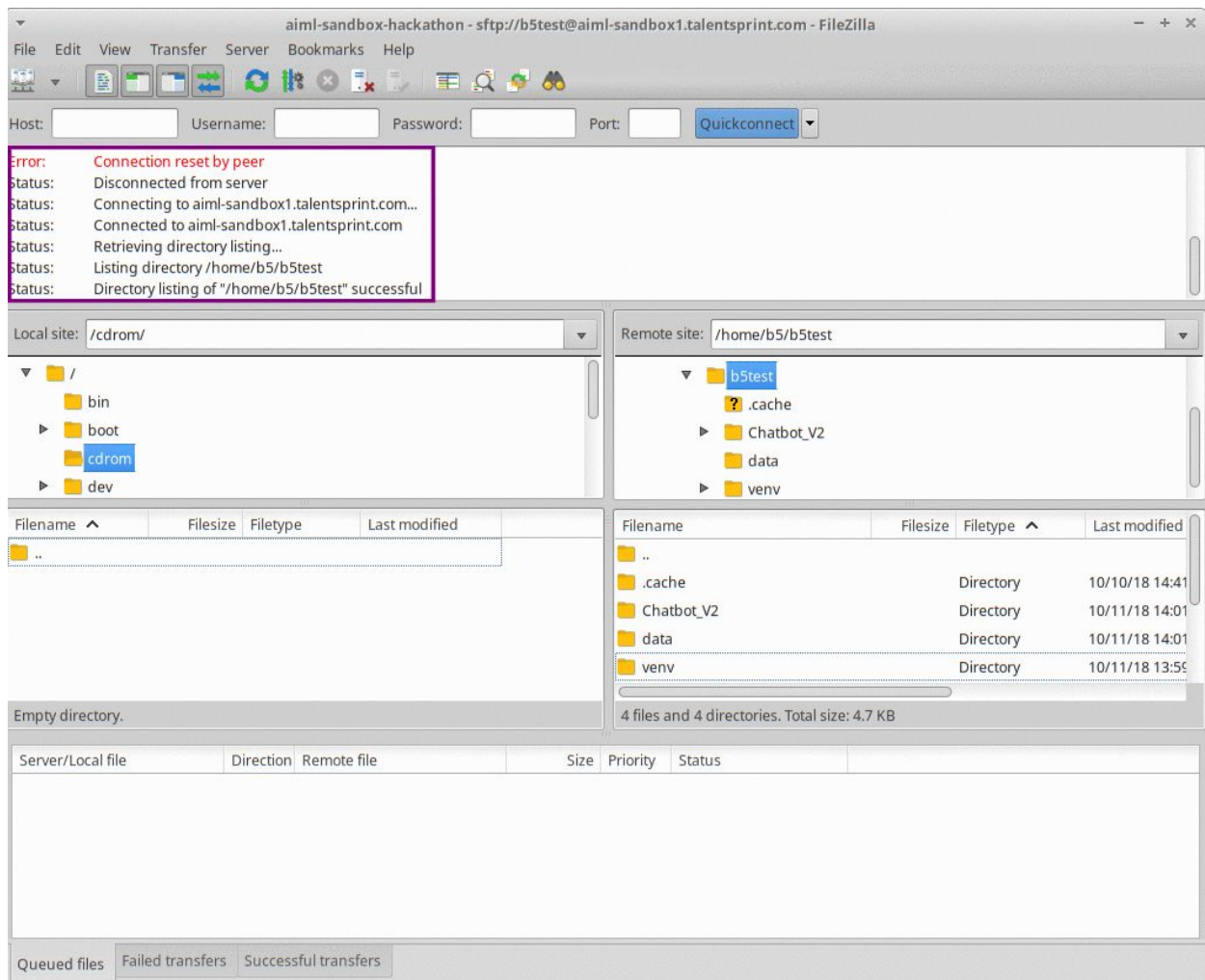
- Download Filezilla using below link:
 - <https://filezilla-project.org/download.php?platform=osx>

Server configuration in filezilla:

- Open filezilla after successful installation.
- Import the shared aiml-sandbox-hackathon.xml file into filezilla.
 - File -> Import
- After importing the aiml-sandbox-hackathon.xml file, open Site Manager and select aiml-sandbox under My Sites in the left panel
 - File -> Site Manager
- Change Logon Type to Normal and enter your username and password and click on connect.

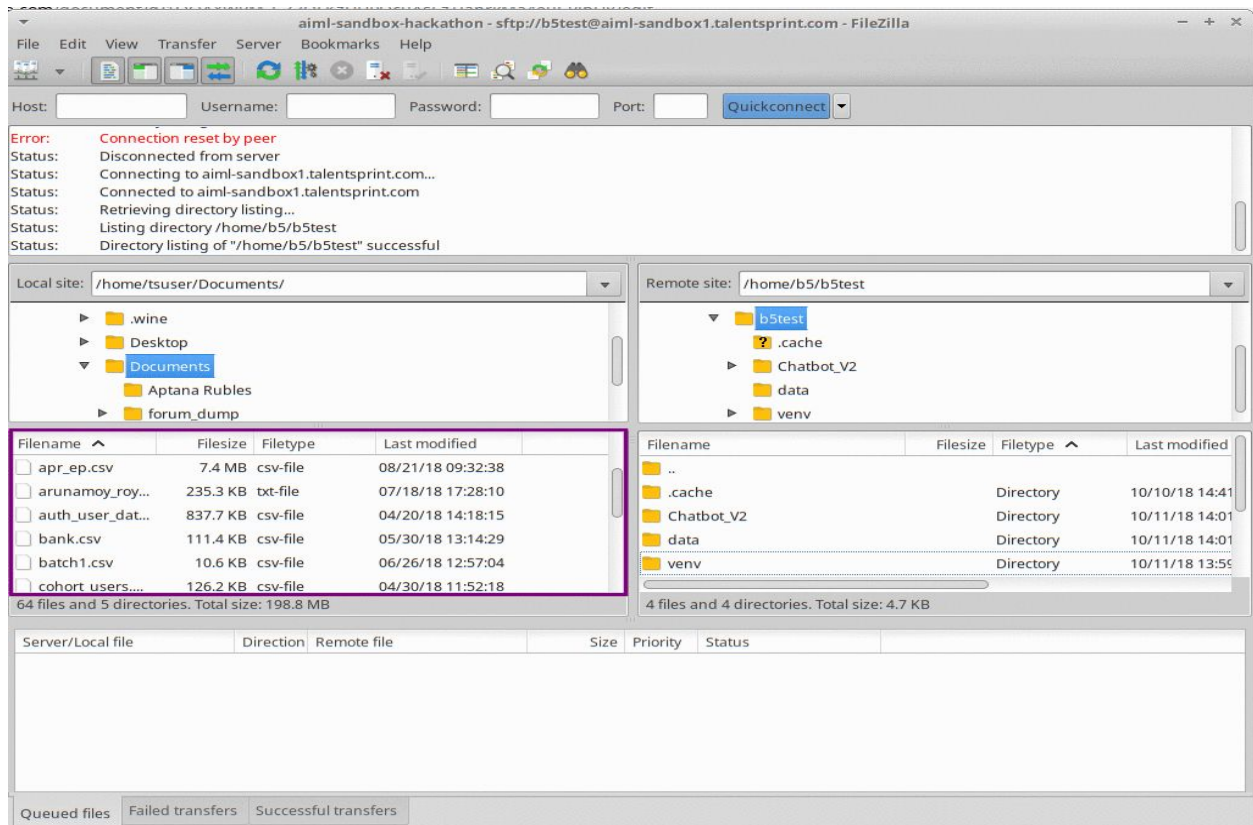


You will find that login is successful in the highlighted area below:

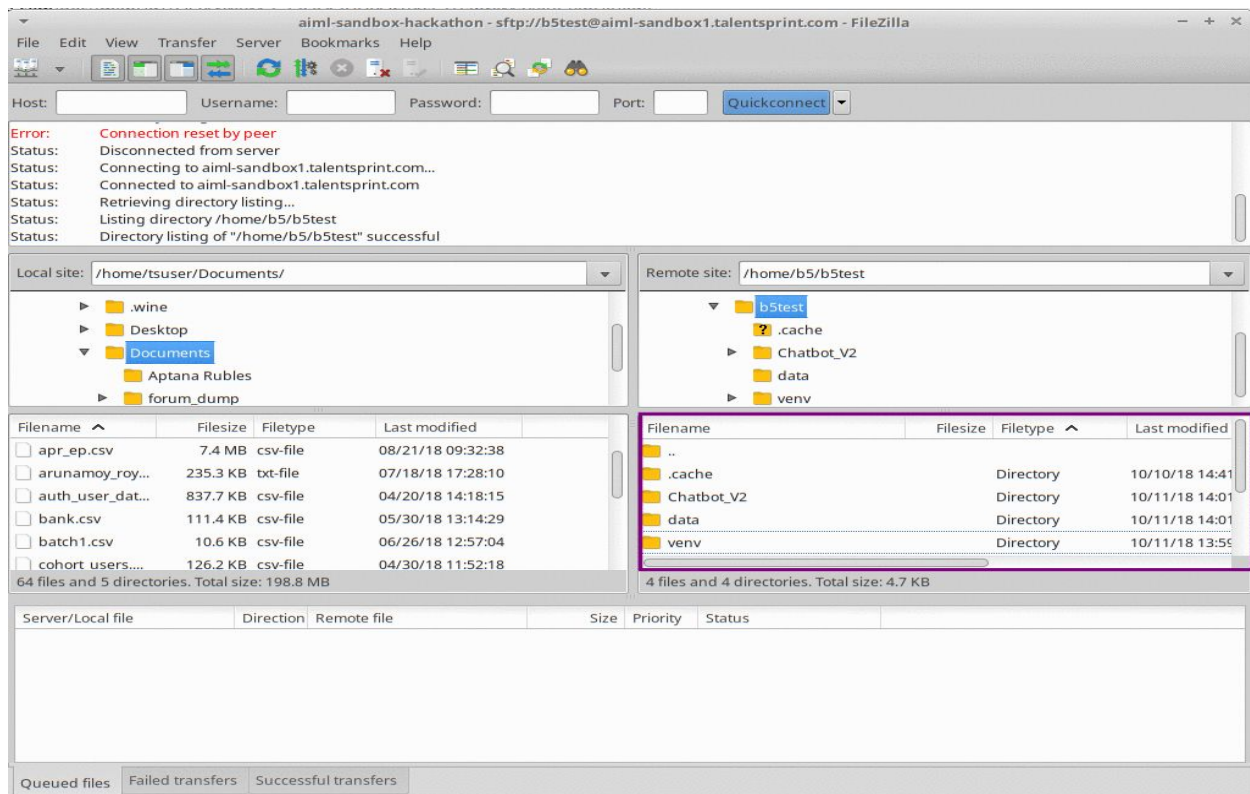


Uploading files into your folder:

Select the file to be uploaded, right click on that file and select the upload option.



Uploaded files will be in the highlighted area below:



Once you're done with the setup, to run your file follow the steps given below:

1. Go to terminal or putty
2. Login with the SSH
3. Activate virtual environment
4. Go to the chatbot directory by running the following command:

cd Chatbot_V2

5. To run the chatbot, execute the following command :

python3 Chatbot_V2.py

