**Qatar University**

**College of Engineering**

**CMPS 405: Operating Systems**

**Fall 2024**

**(Section B04)**

**Project Phase-1**

***Submitted to:***

Dr. Heba Dawoud

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**Server-Side Tasks (VM1)**

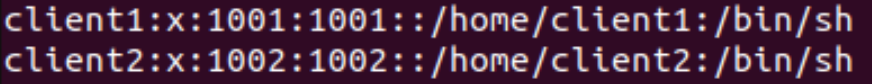
Task-1:

- Create local user accounts for each client on the server.

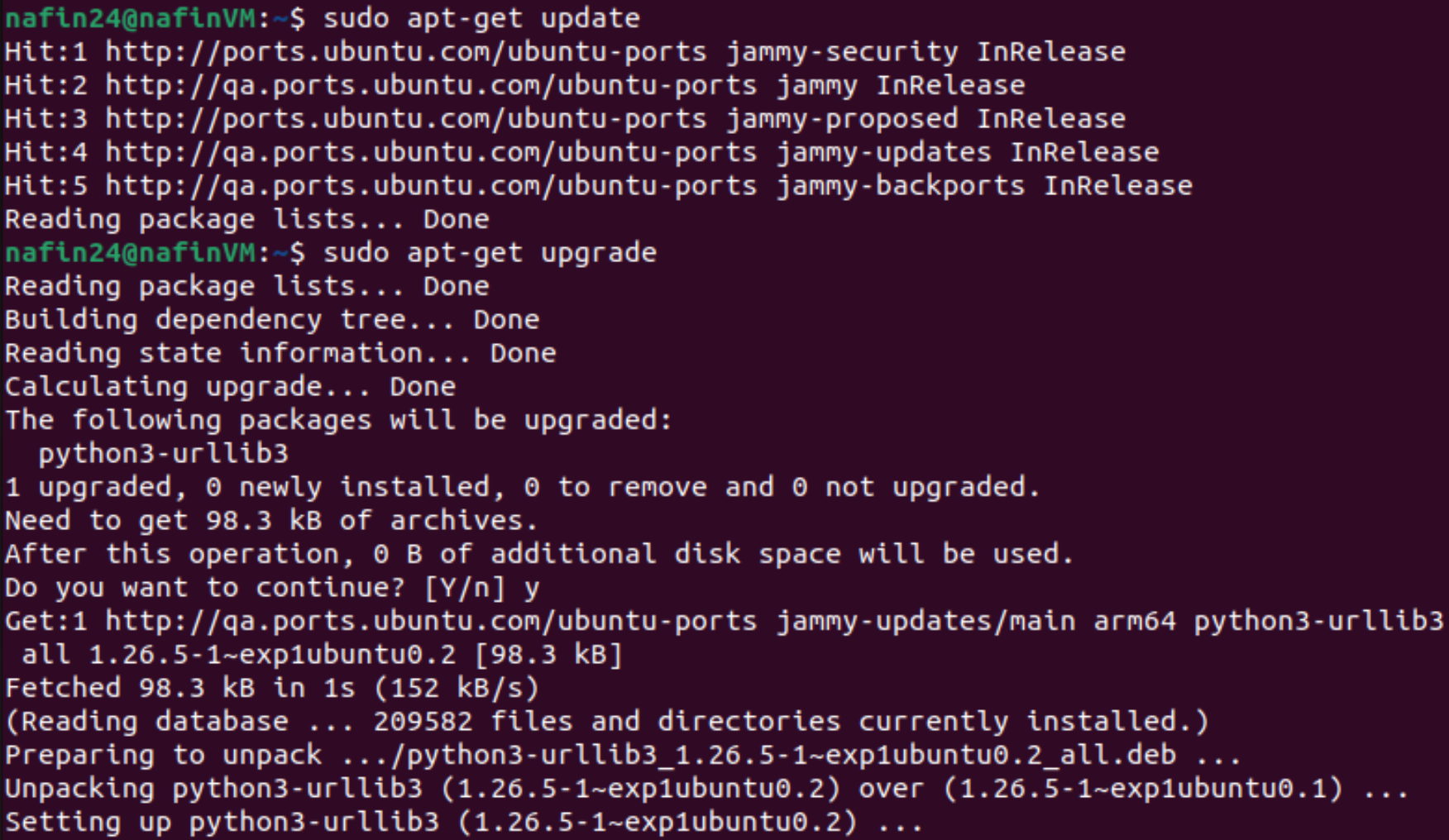


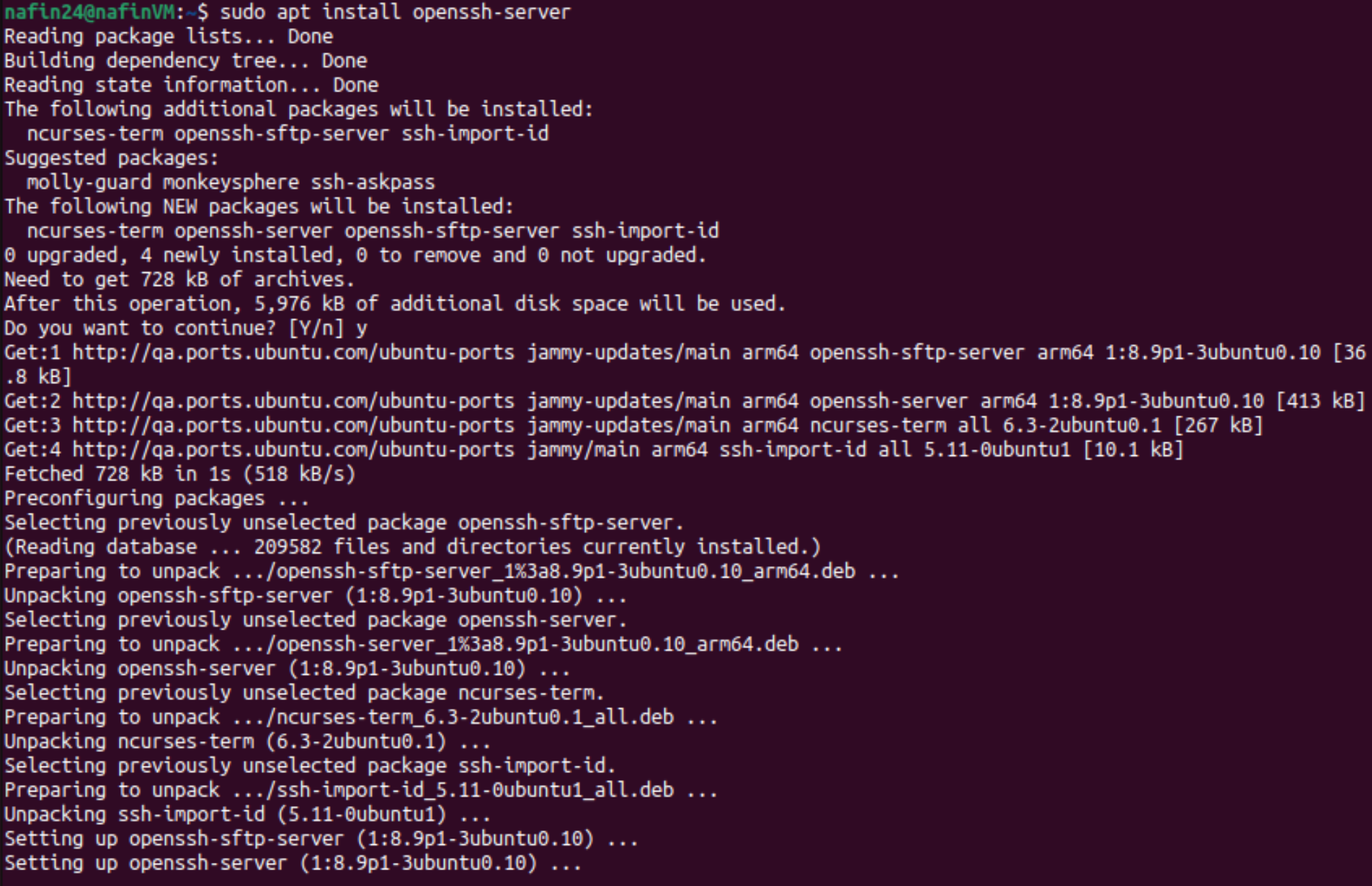


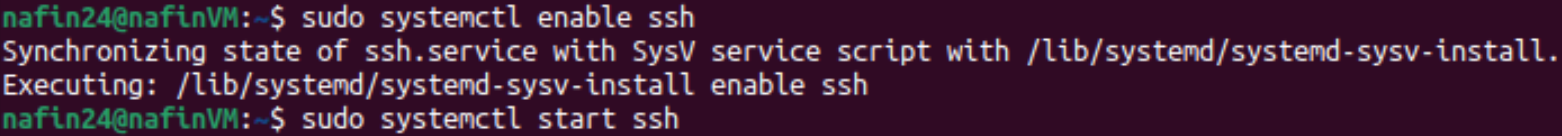


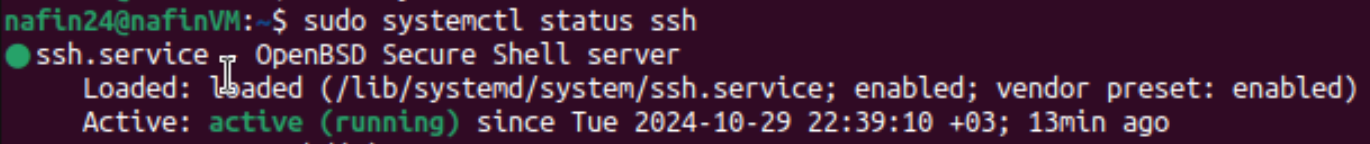


- Install and enable SSHD



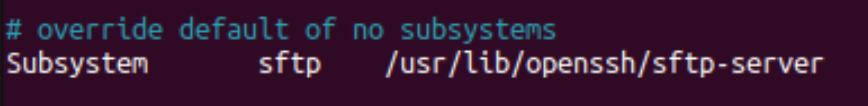






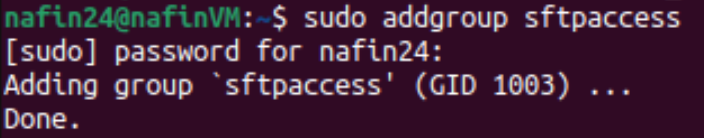
- Configure SFTP for file transfer operations.

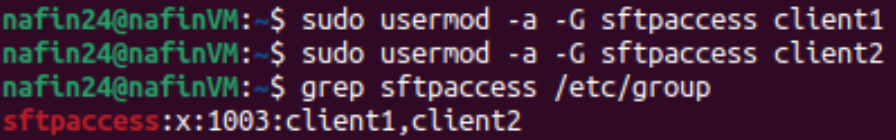




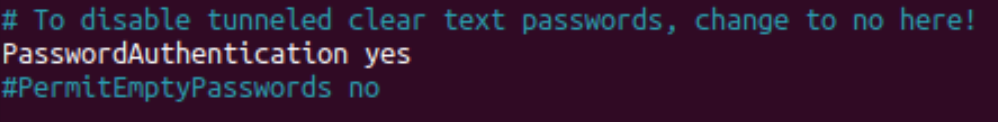
Task-2:

* Enable SSH access for clients using local account credentials, that is, configure SSHD server such that clients can access any file via their local accounts, using username and password.







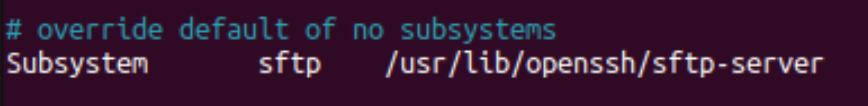


A purple background with white text

Description automatically generated

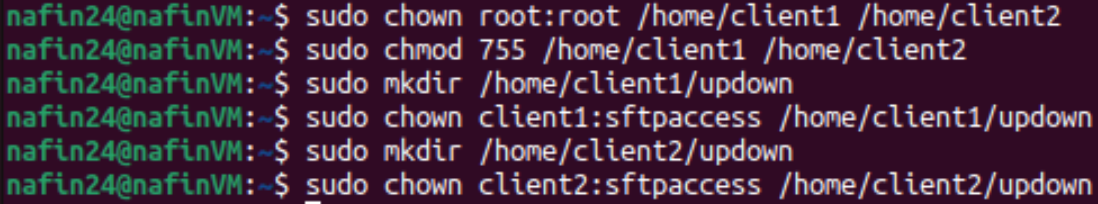
* Set up SFTP for file uploads/downloads.





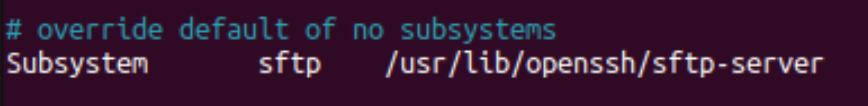
A screenshot of a computer

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* Secure copy will be used to transfer files to and from server.





Task-3:

* Server-Side Shell script 1: (Network.sh)