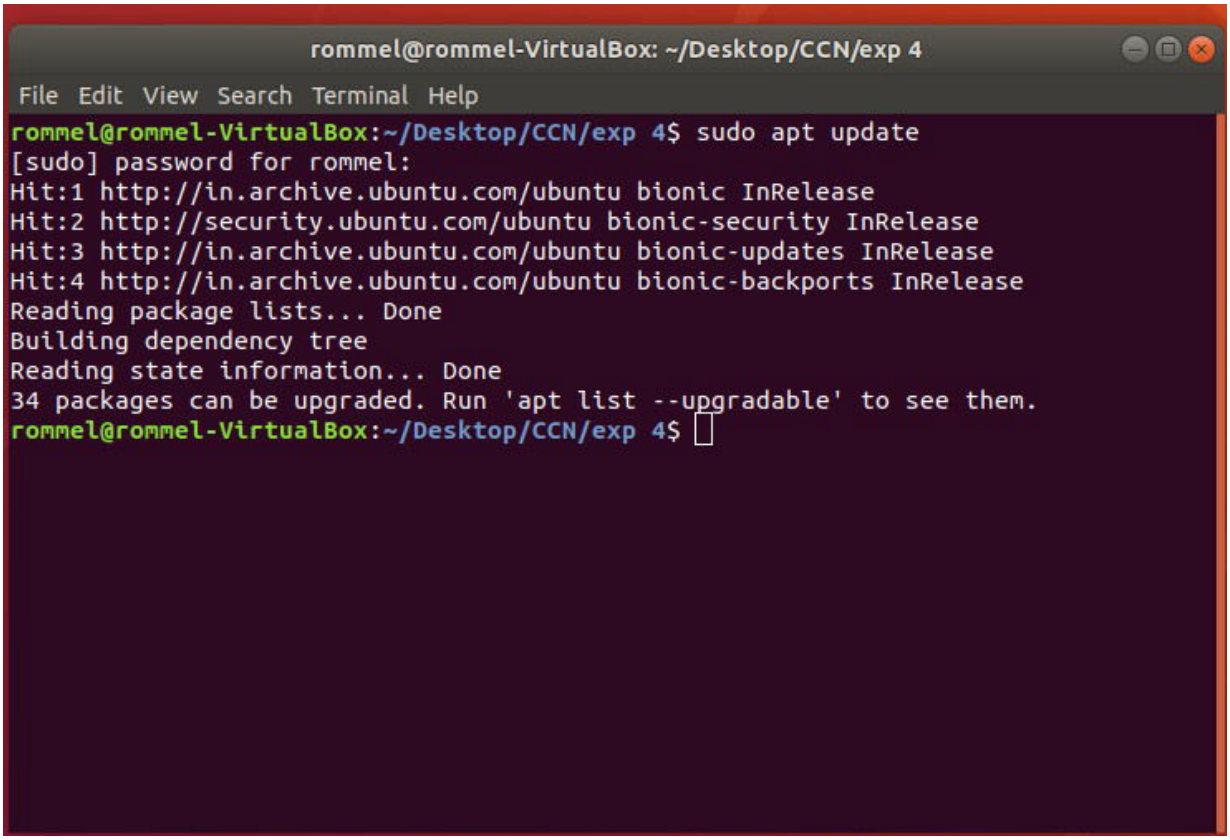
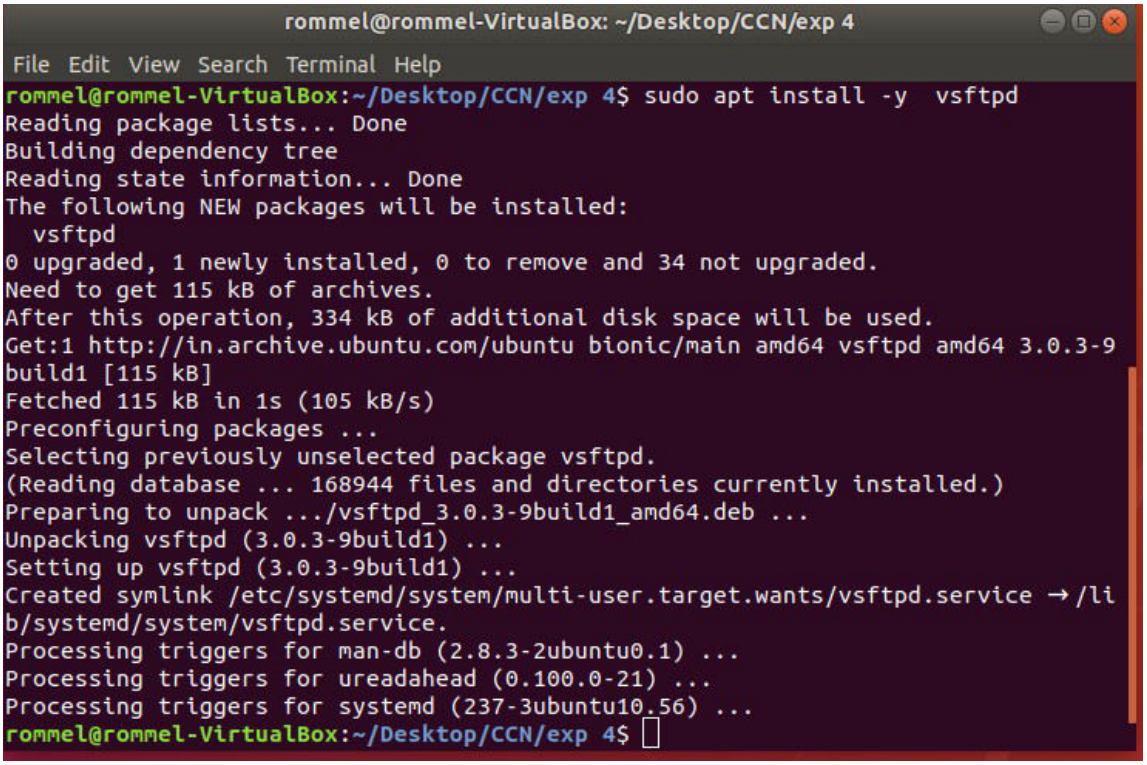
Name:	Bodhisatya Ghosh
Class:	CSE DS
Batch:	B
UID:	2021700026
Experiment:	4

Aim: Implement FTP server for given scenario.

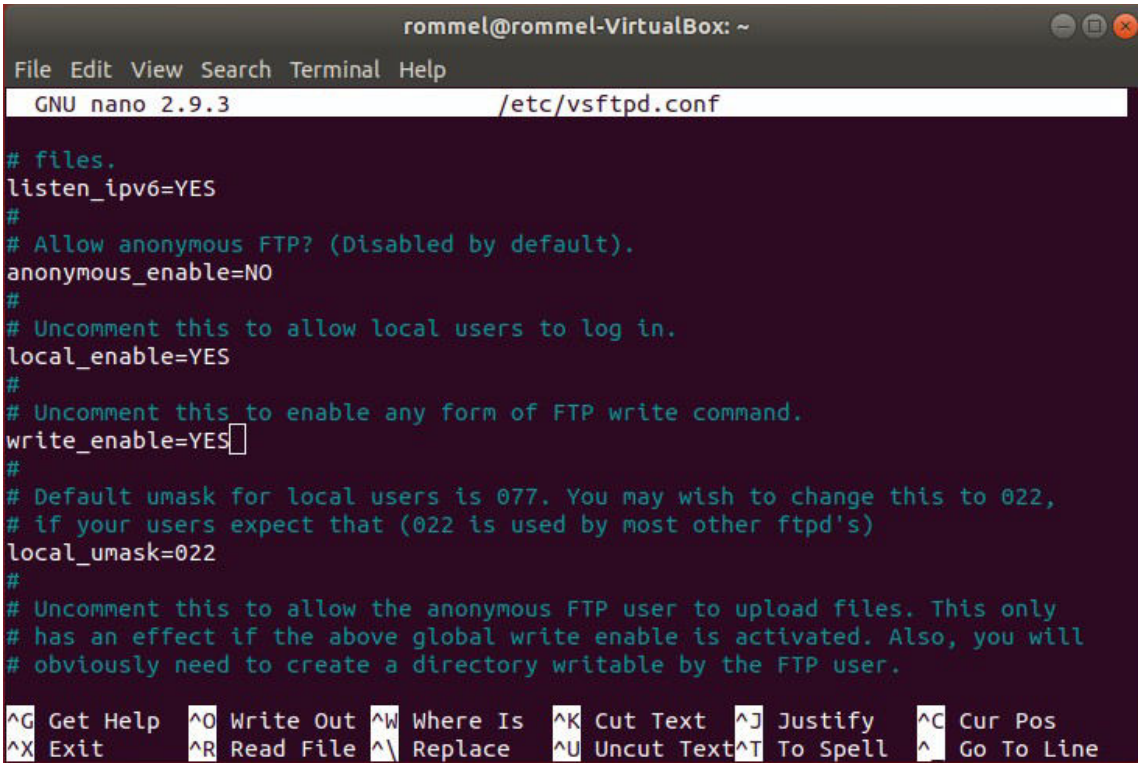
Step 1: Update the system.



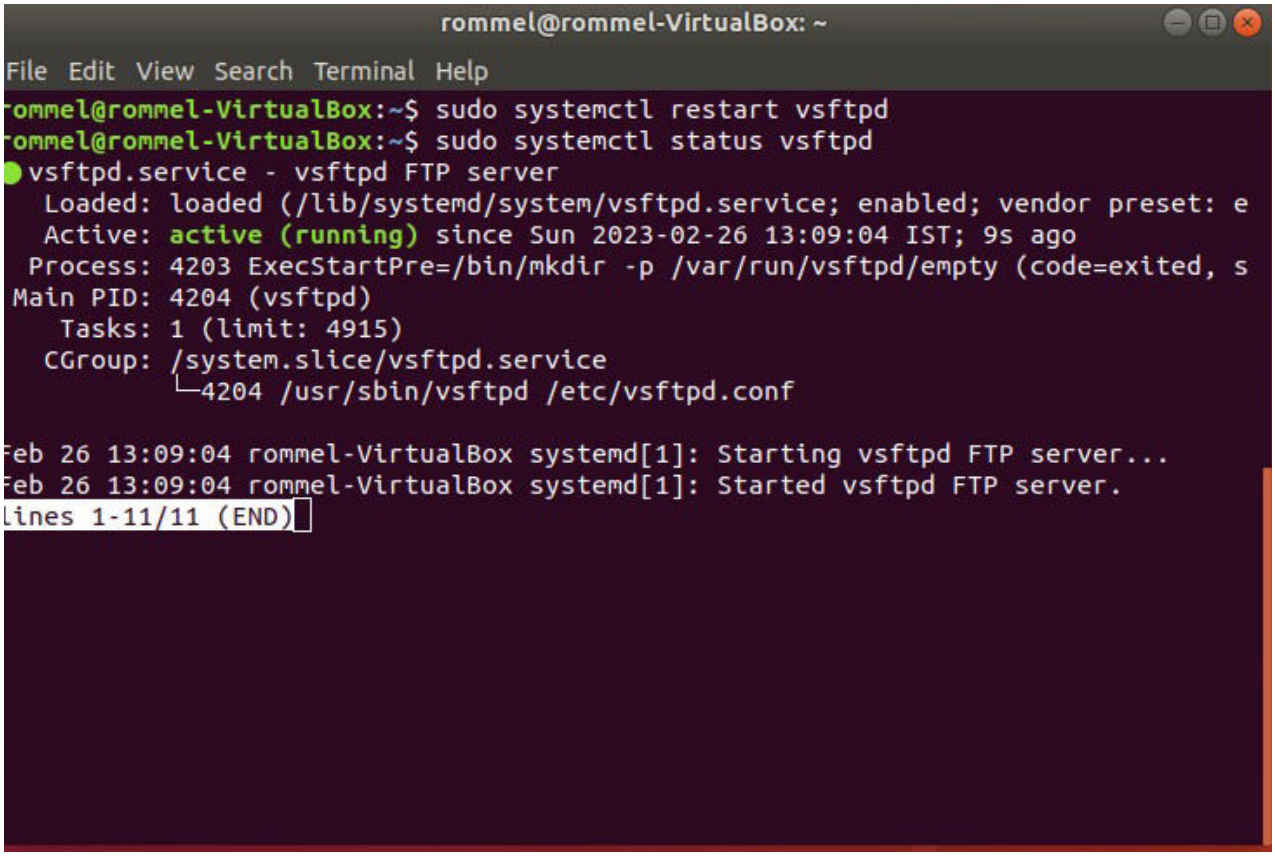
Step 2: Install VSDTPD



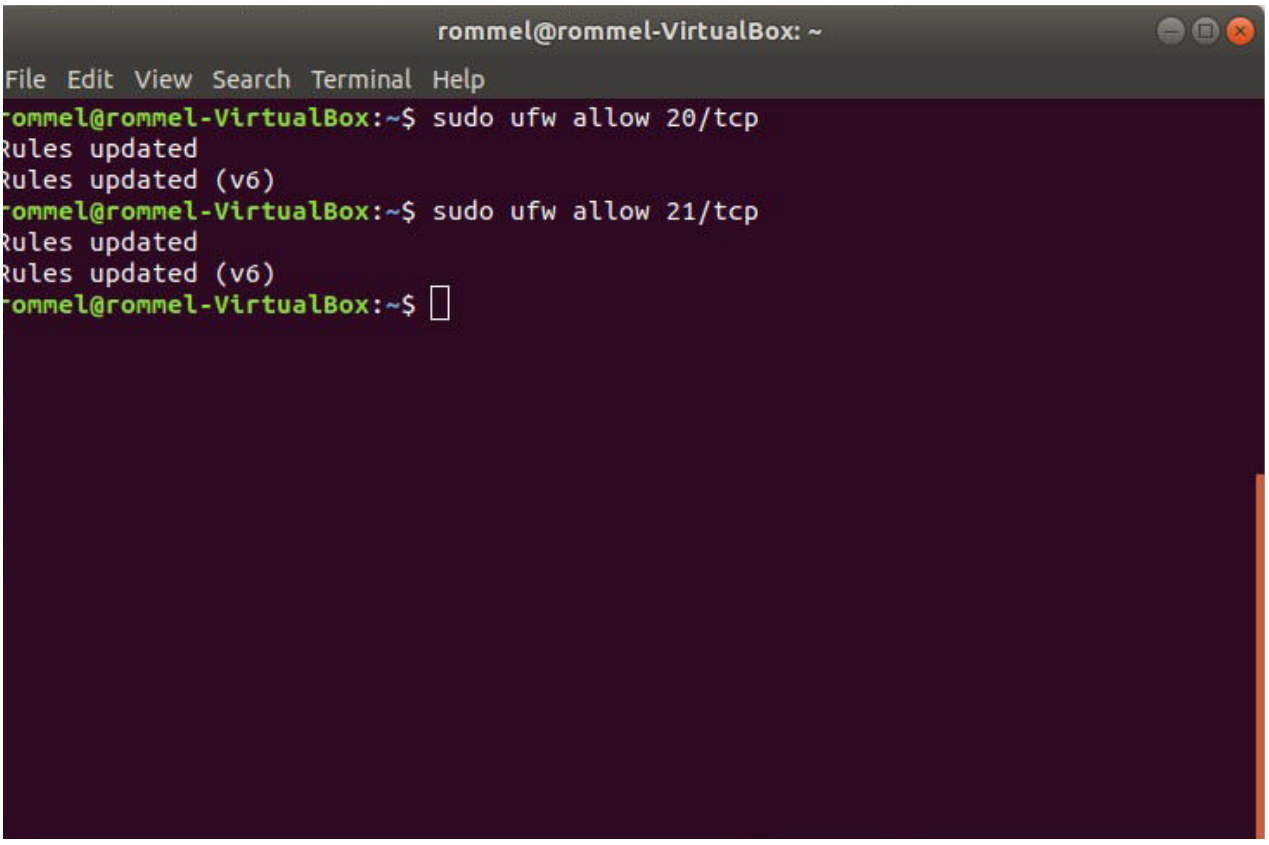
Step 3: Set up configuration file.



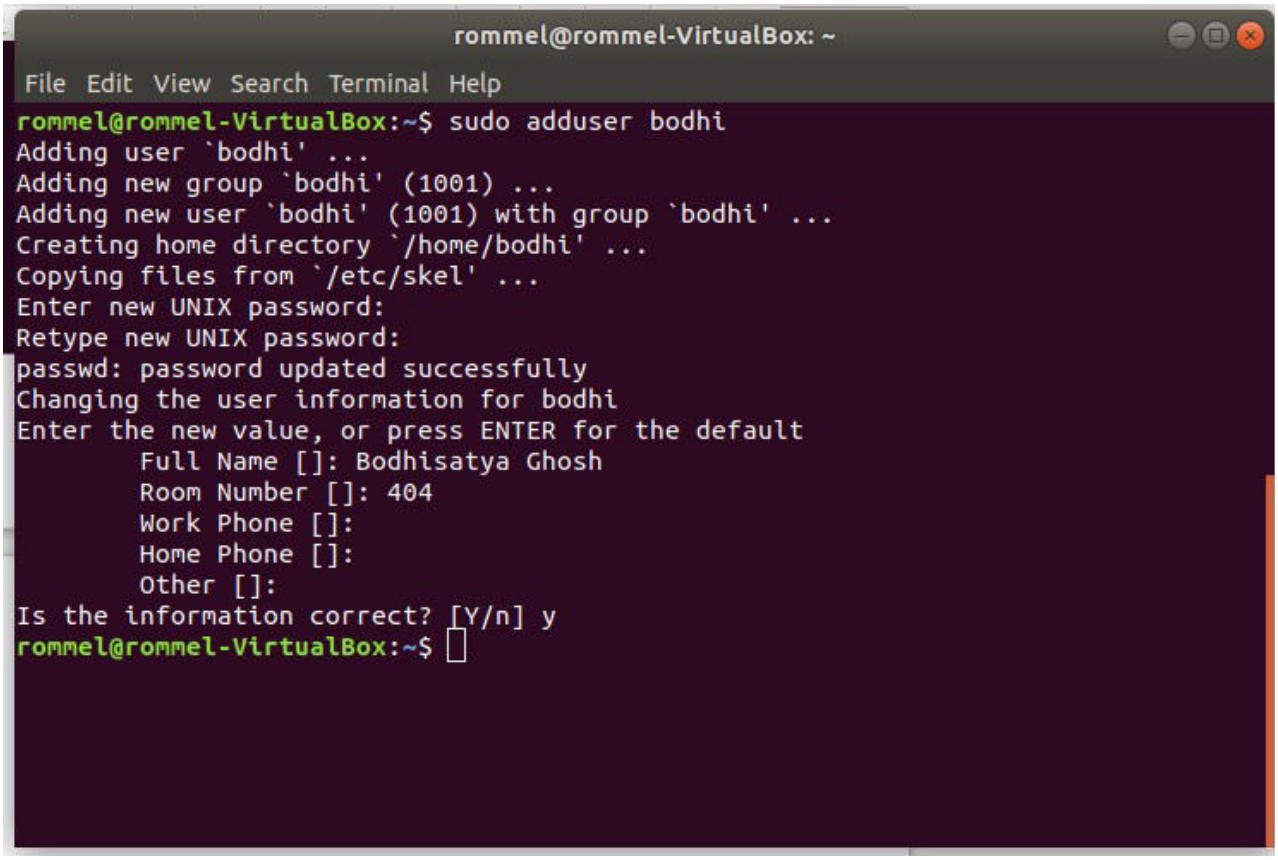
Step 4: Restarting vsftpd and checking it's status



Step 5: Allow to configure



Step 6: Adding user



Step 7: Connecting to user and getting a file

What is FTP?

FTP (File Transfer Protocol) is a network protocol for transmitting files between computers over Transmission Control Protocol/Internet Protocol (TCP/IP) connections. Within the TCP/IP suite, FTP is considered an application layer protocol.

In an FTP transaction, the end user's computer is typically called the *local host*. The second computer involved in FTP is a *remote host*, which is usually a server. Both computers need to be connected via a network and configured properly to transfer files via FTP. Servers must be set up to run FTP services, and the client must have FTP software installed to access these services.

Although many file transfers can be conducted using Hypertext Transfer Protocol (HTTP) -- another protocol in the TCP/IP suite -- FTP is still commonly used to transfer files behind the scenes for other applications, such as banking services. It is also sometimes used to download new applications via web browsers.

What is FTP server?

An FTP Server, in the simplest of definitions, is a software application that enables the transfer of files from one computer to another. FTP (which stands for “File Transfer Protocol”) is a way to transfer files to any computer in the world that is connected to the Internet. If you have remote employees who need to upload non-confidential information (such as timesheets, for example), or if you want to allow your customers to download white papers and documentation, an FTP Server works well for this purpose. If you are exchanging non-sensitive data with business partners, and the partner requires FTP or SFTP, you can quickly set up a server that will accept their data transfer. Some people even use FTP Servers for offsite backup so they can access their data should something physically happen to their files.
Further, backup applications will often write to an FTP or SFTP Server; for example, if you’re backing up your Cisco Unified Call Manager (CUCM), the data must be backed up to an SFTP Server.

Conclusion: In this experiment I have learnt how to implement an FTP server .