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Class: SE Comps B

Roll no.:2022300118

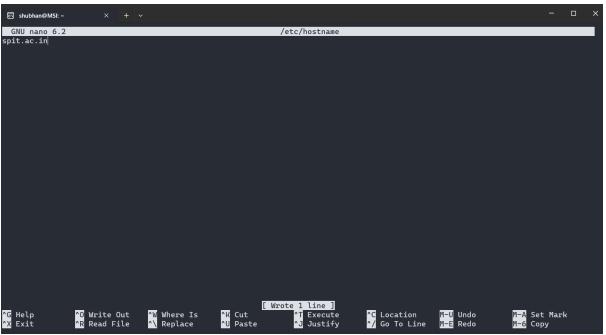
CCN Experiment 5

SMTP

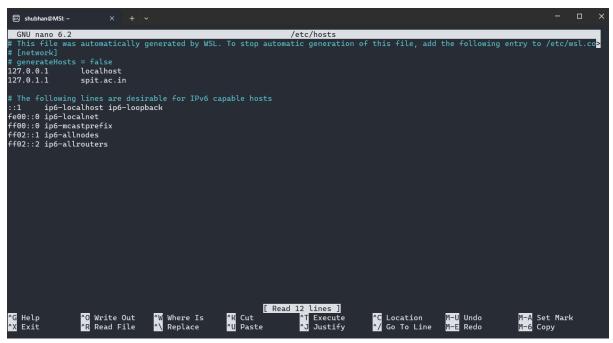
1. Change domain name to custom username using hostname command.



2. Step 3: Run sudo nano /etc/hostname Command And Enter Domain And Save The File.



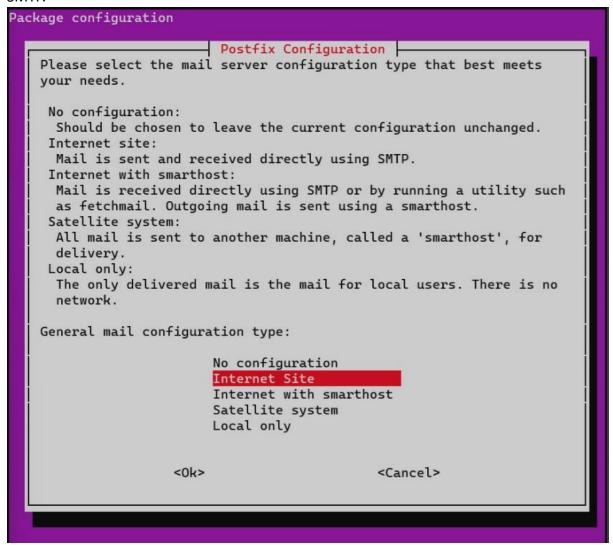
3. Run sudo nano /etc/hosts Command And Enter Domain Next To 127.0.1.1 And Save The File.



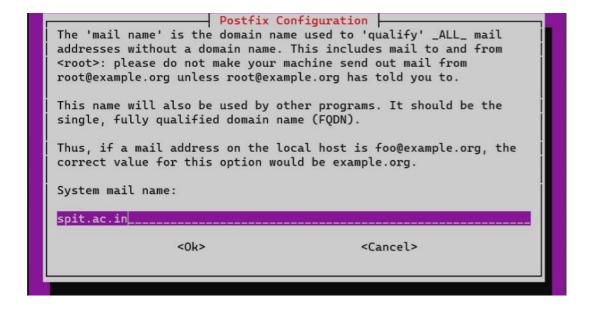
4. Run sudo apt-get update to install all updates, sudo apt-get mailutils, and sudo apt install postfix.

```
shubhan@MSI: ~
shubhan@MSI:~$ sudo nano /etc/hosts
shubhan@MSI:~$ sudo apt get update
E: Invalid operation get
shubhan@MSI:~$ sudo apt-get update
Hit:1 http://security.ubuntu.com/ubuntu jammy-security InRelease
Hit:2 http://archive.ubuntu.com/ubuntu jammy InRelease
Hit:3 https://ppa.launchpadcontent.net/deadsnakes/ppa/ubuntu jammy InRelease
Hit:4 https://ppa.launchpadcontent.net/git-core/ppa/ubuntu jammy InRelease
Hit:5 http://archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:6 http://archive.ubuntu.com/ubuntu jammy-backports InRelease
Reading package lists... Done
shubhan@MSI:~$ sudo apt-get install mailutils
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
mailutils is already the newest version (1:3.14-1).
O upgraded, O newly installed, O to remove and O not upgraded.
shubhan@MSI:~$
```

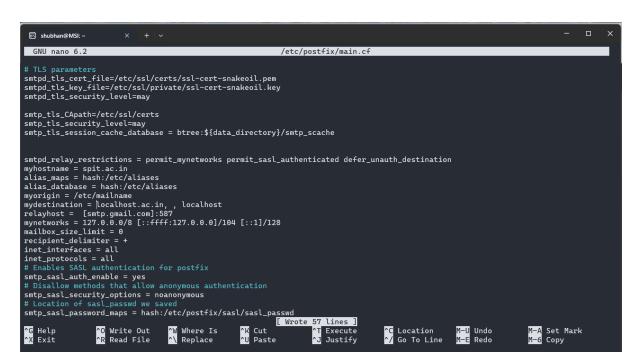
5. During installation And Configuration Of Postfix Select Internet Site Because We Need SMTP.



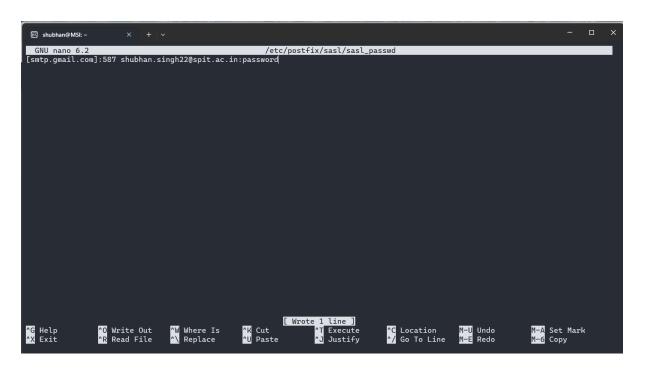
6. Check If Domain Name Is Correct And Press Ok.



7. Write the required lines into the main.cf file in the /etc/postfix/ folder



8. Write the following into the sasl passwd file:



(Here app password generated by google was used instead of password, the ability to allow less secure apps was removed from gmail in 2022, so we have to use app passwords generated by google to allow specific apps to access our account.)

Convert The sasl_passwd File Into A Database File Using sudo postmap /etc/postfix/sasl/sasl_passwd Command

```
shubhan@MSI:- x + v - - - X
shubhan@MSI:-$ sudo postmap /etc/postfix/sasl/sasl_passwd
postmap: warning: /etc/postfix/main.cf, line 55: overriding earlier entry: smtp_tls_security_level=may
shubhan@MSI:-$ |
```

10. After reloading postfix, run the following command to send a mail:

