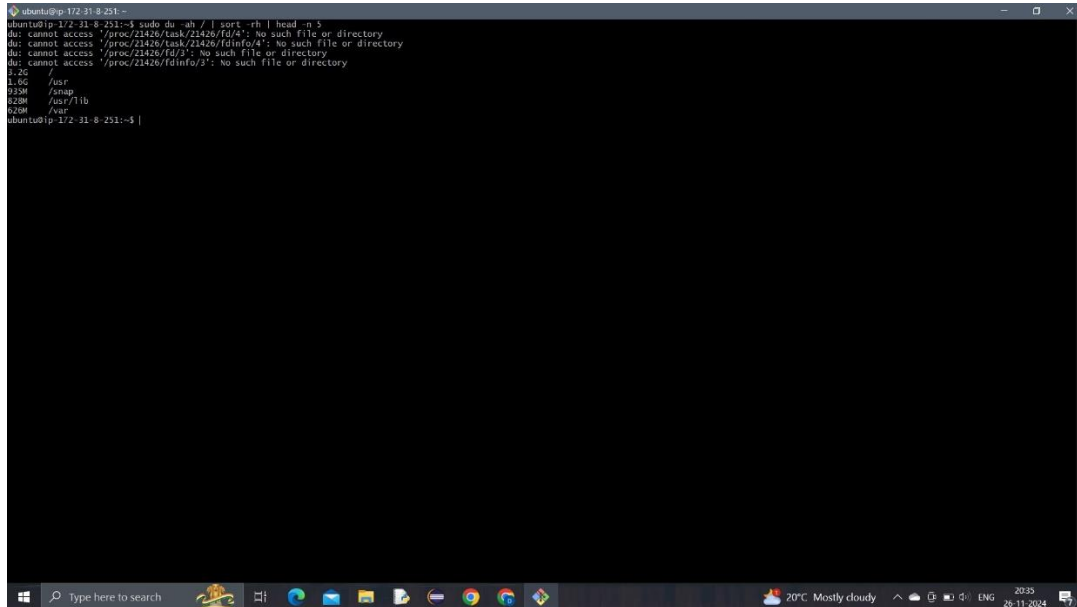Assignment 1 – File System Management

1) List out 5 files in your system which consuming most of the disk space

sudo du –ah / |sort –rh | head –n 5

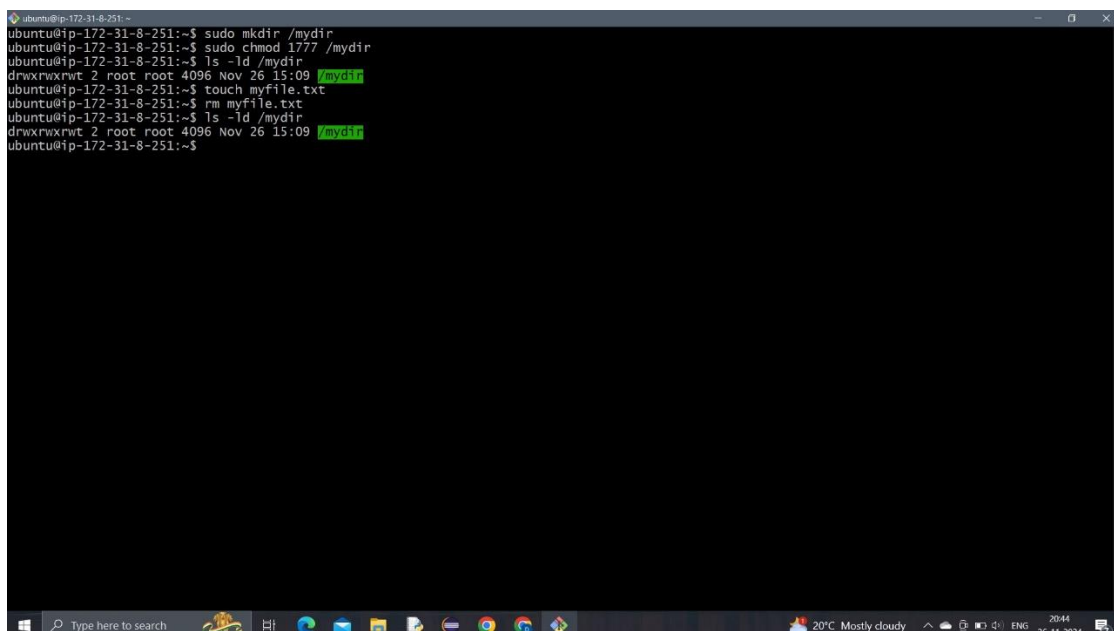2) Create one common folder in such a way that anyone can create files inside that independently and should not be able to delete other users files from that common folder.

sudo mkdir /mydir

sudo chmod 1777 /mydir

touch myfile.txt

3) Create user name "shubham" and add that user in the group "adm" a) Create folder /data , change owner and group as "root:adm b) Change /data permission such a way that user can able to write data in this folder and ownership of files or folder which you creates in this folder should be same as parent folder i.e /data folder permission (root:adm)

sudo adduser shubham

sudo usermod –aG adm shubham

sudo mkdir /file1

sudo chown 2775 /file1

su - shubham