Hodoop Installation -> To check whether java is present or not, enter the command > which java op: lusy/bin/java -> For the installation of hadoop download the hadoop latest vision (hadoop 2.9.2) from the google in the .tar. 92 formal (archive format) -) From the downloads, decomposess the fite from tax.gz format to tax >gunzip howdoop-2.9.2.tou.gz op 1 hadoop-2.9.2. tar -) The decompress the tax file. > tax xvf hadoop-2.9.2.tax op: hadoop-2.9.2 To install hadoop, go to hadoop_2.9,2 - bin Thoidoop -) To check the updates powerent or not Sudo apt -get install updates op! Enter pass woord: @Prec@123 -) sudo apt -get install ssh -> sudo apt -get install rsync -> Now go to the hadoop file - hadoop - etc - hadoop - hadoop env-sh check whether the java home directory is powerent as I was or not

```
In the etc - configuration.xxxl would
 the following code about chtml?
                     many of rest 12
  < configuration>
   c property
  < name> fs. default Fs < /name>

    value > hdfs:// local host: 9000 < l value > 000

               on it palarages will expert to
   </property

< / config mations</p>
 -) In halfs-site.xml see-governed giscours
  < configuration> 101.5.05-1000001 190
  c property>

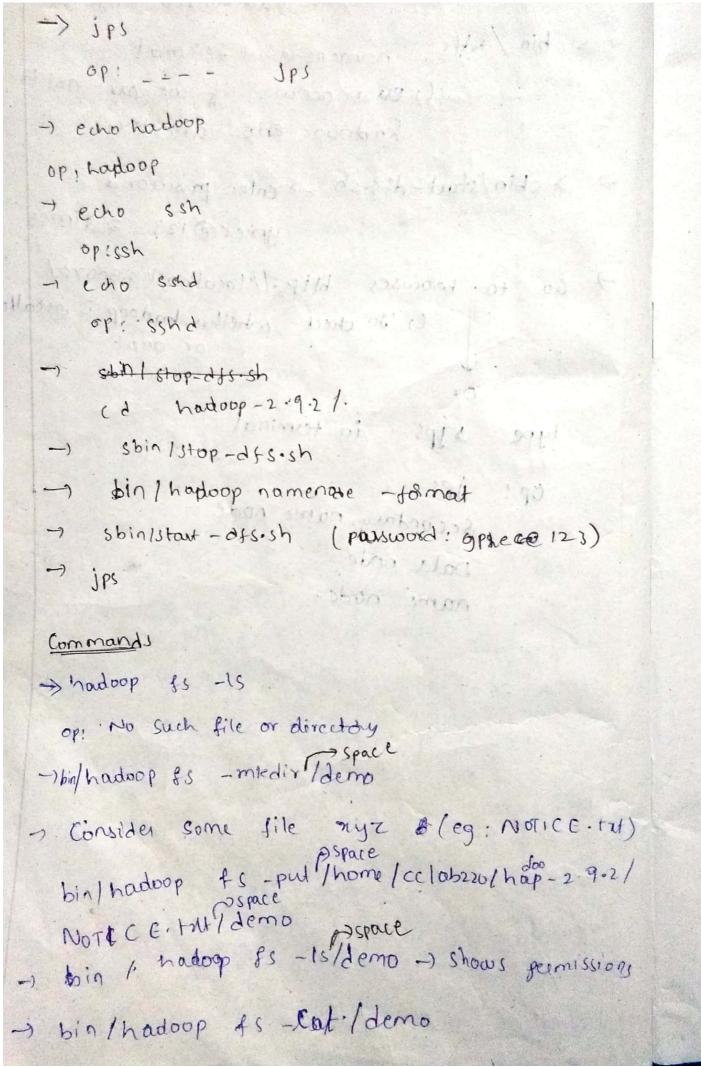
c name> dfsreplication
/name>
  ¿ vodal > 1 </value>
( property)
  (paroperty)
 (nome) fs. permission Uname)
 Chames fs. permission 21

Chames fs. permission 21

Chames false Chames
 </property>
 -) In the terminal we need to check shellsough
  > ssh tocalhost > echossk
 od /home/eclab220/hadoop2.92/hadoop2
 -> > ssh-keygen -t ersa -P 11 + f ~/. ssh/id=xsa

-) > cal ~/. ssh/id=isa .pub >> ~/. ssh/authorized-keys
```

+> chmod 6600 ~/.ssh/outhorized-keys -> bin/hdss namenode -format 4 error occurs if we are not in hadoop file directory -> > sbin/start-dfs.sh -> Enter painword gpne c@ 123 3 times -) Go to browser http://localhost:50070/ 4 To check whether hadoop is installed or onot 04 int choractery : CE type sips in terminal mark-gold and secondary name node deizh - wollinde Data node name node.



No Run Map Reduce Job ivaite the below code. (bin/hadoop. jas share/hadoop/morporeduce/hadoop -mapreduce-escamples. - 2.9.2. jas demolvotice +x+0/ myoutput 'This') X bin/hadoop jar share/hadoop/mapareducc/hadoopmapreduce examples - 2.9.2. jar grup /demo/NoTICG lowput 'This'