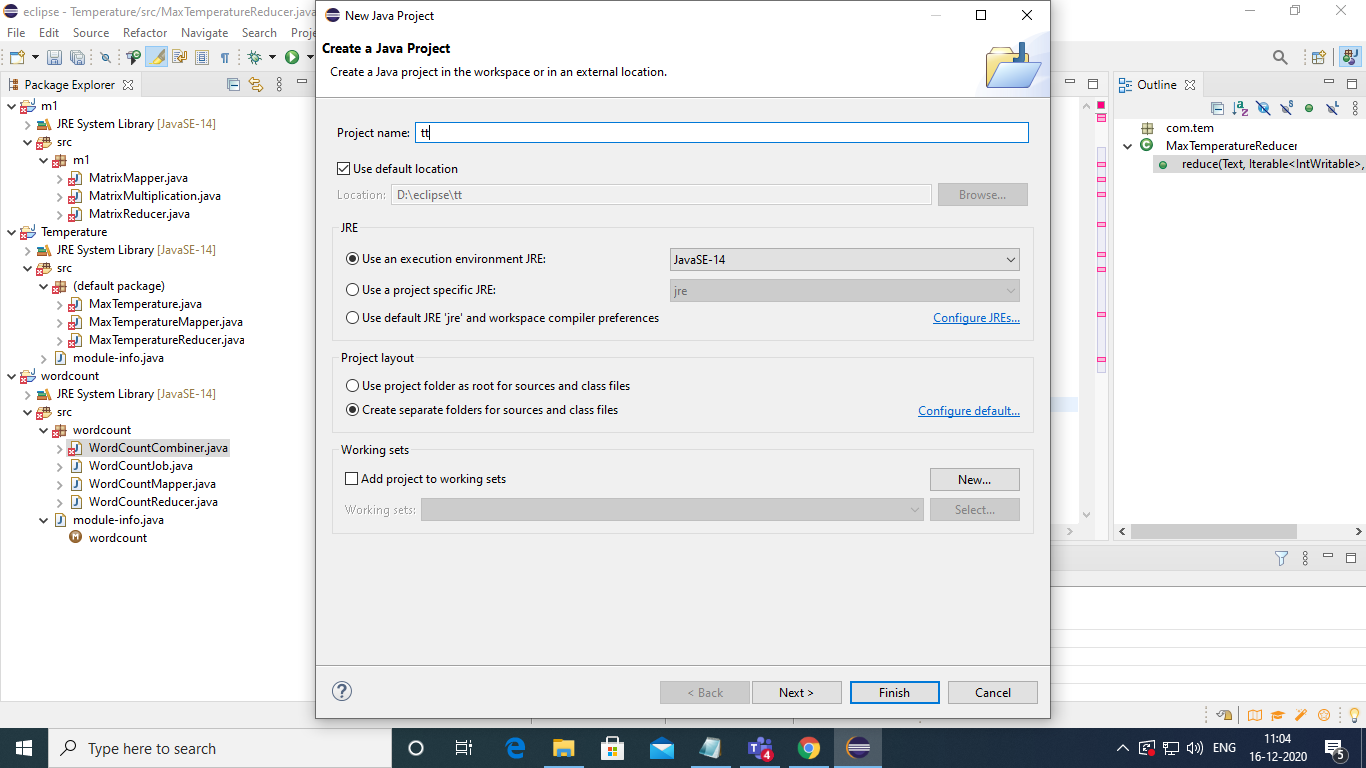
Open eclipse

Select File -> new-> project

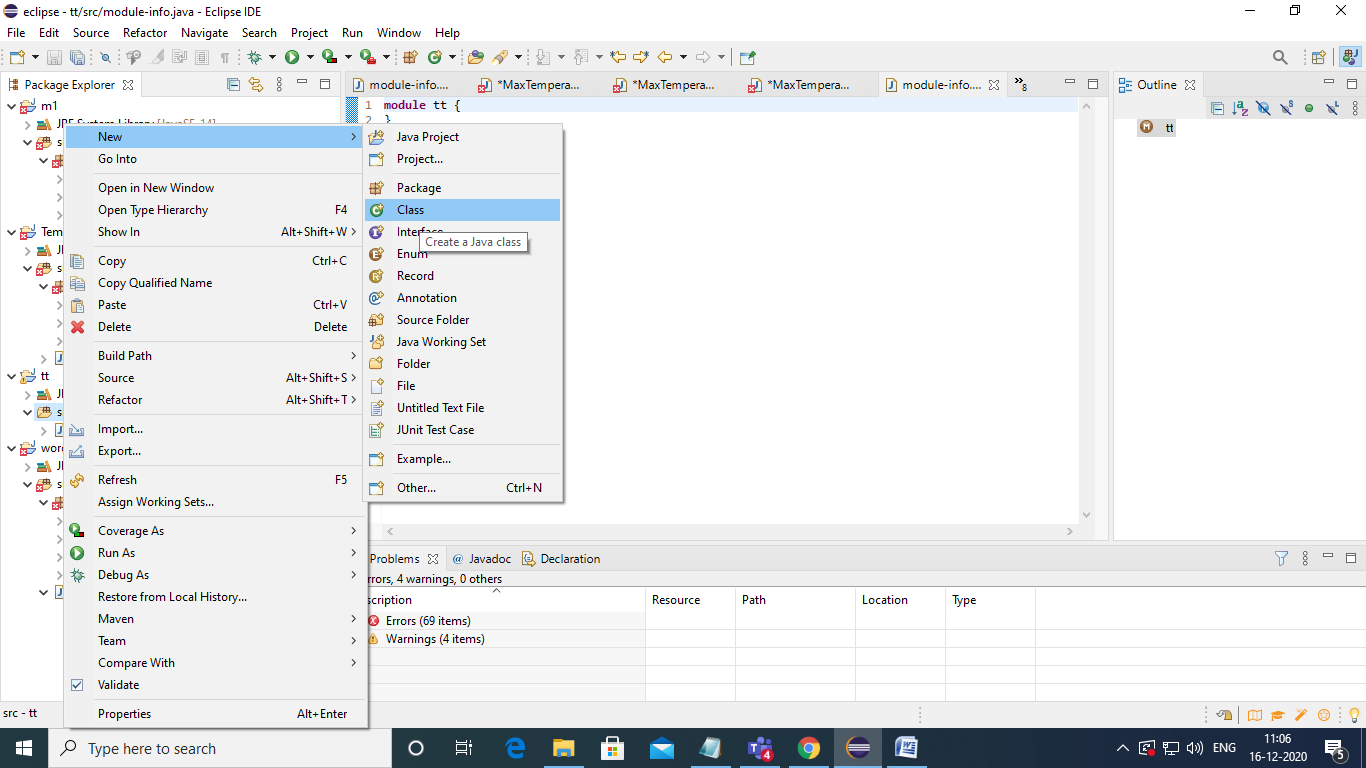
Then give any project name then press Finish button



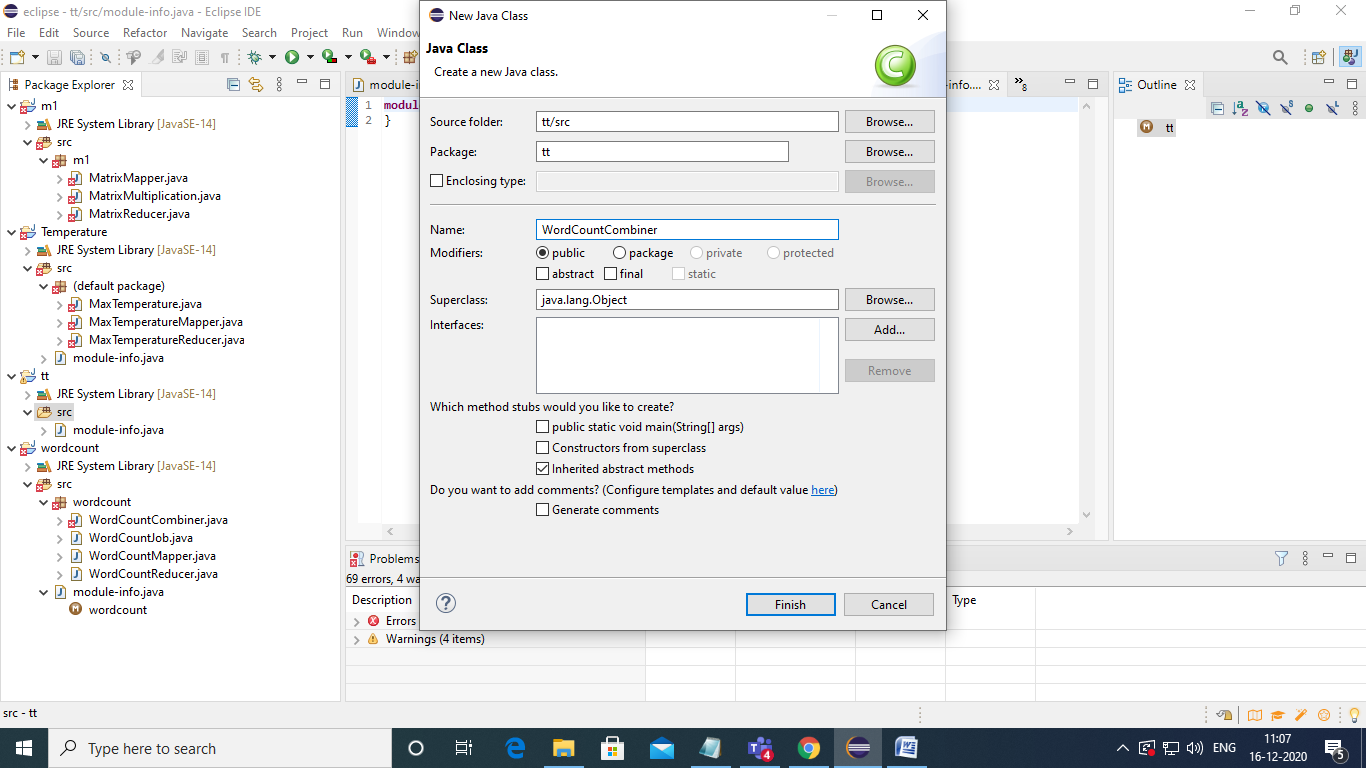
Write source code for this project

create classes under this project by select project name(left side of the window) right click new-> class

3 classes need to create 1.mapper, 2. Reducer, 3. Driver



Give the name of the class in your code then finish

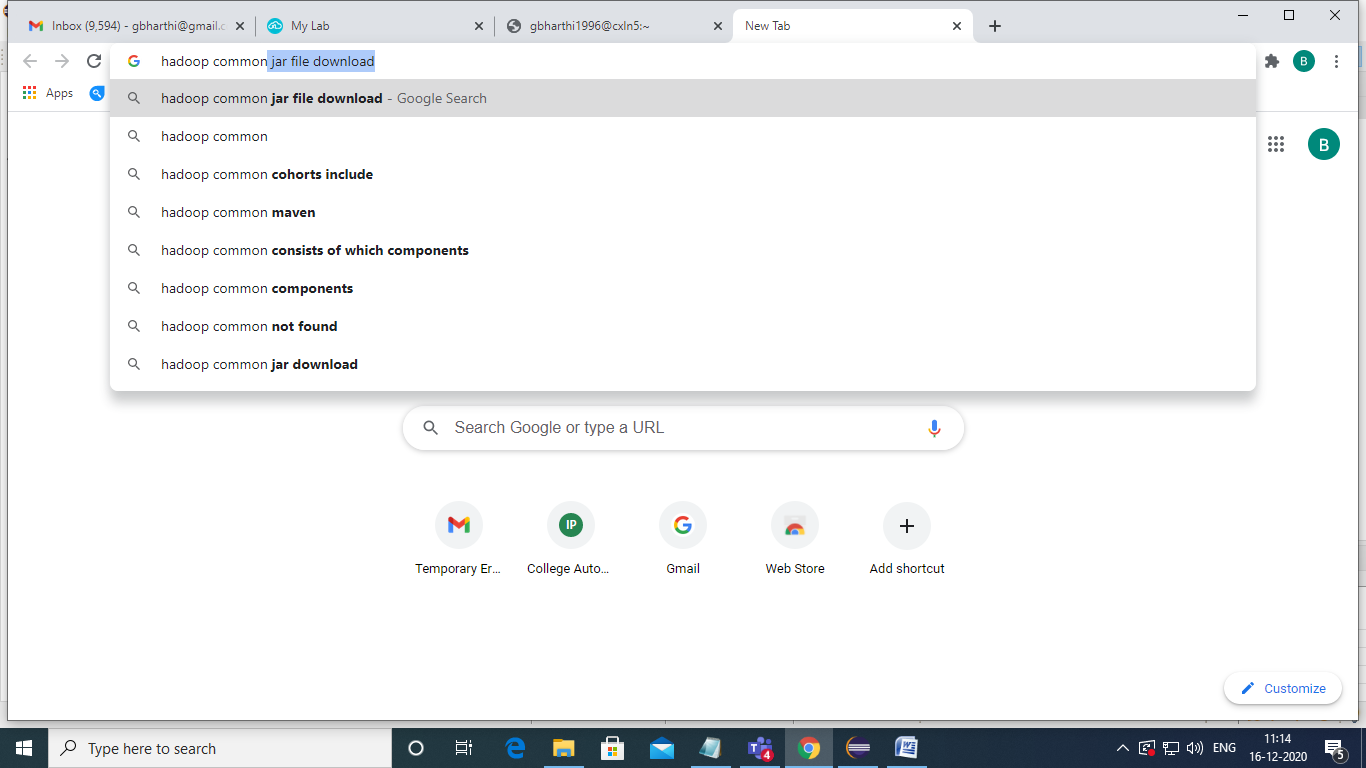


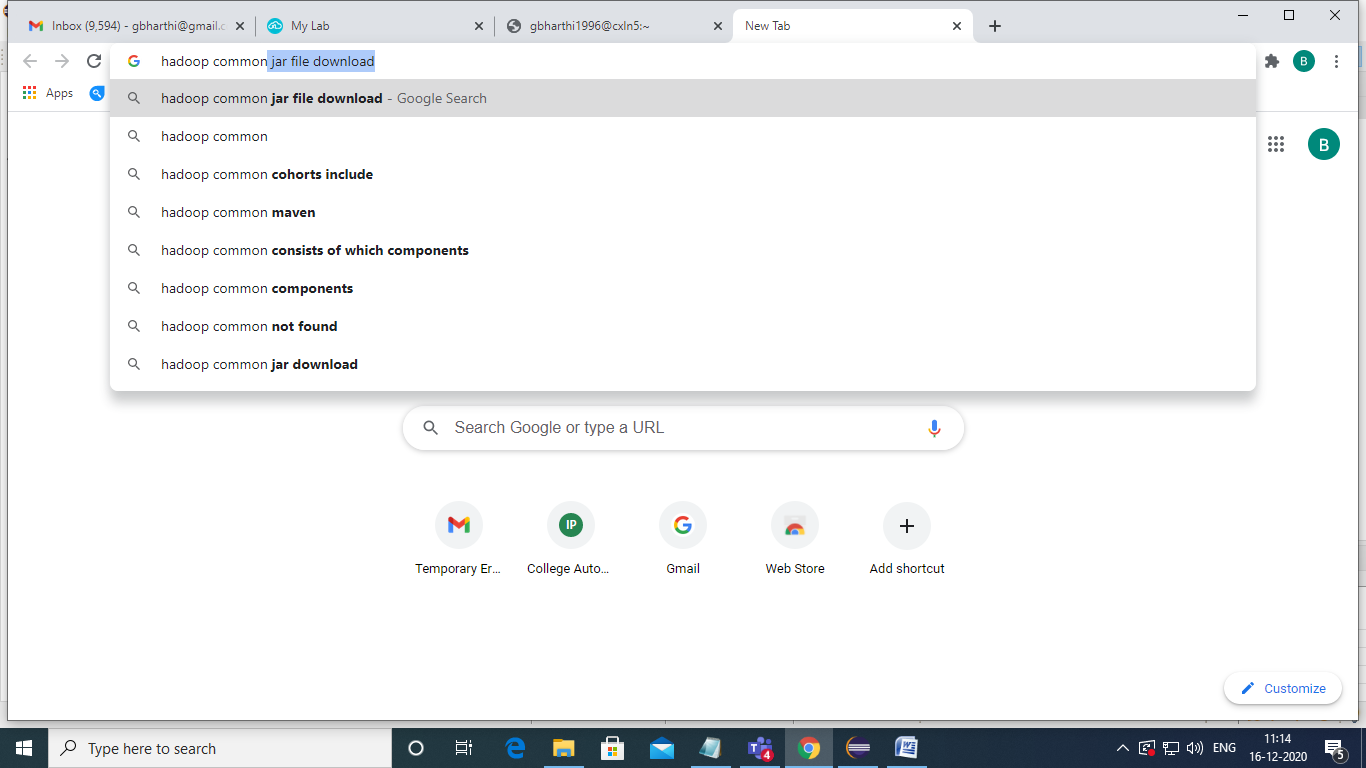
Copy the code related to that class

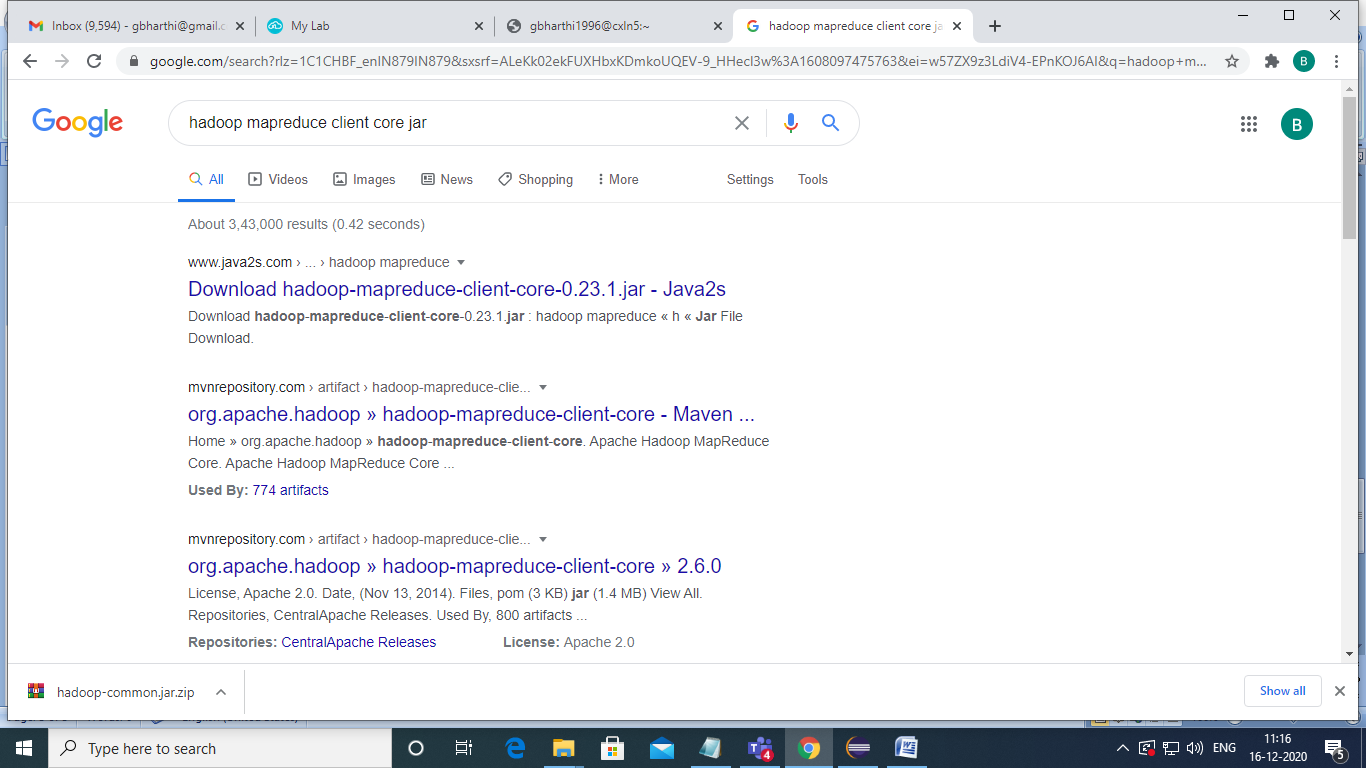
Next need to specify external jar files so, download two external jar files

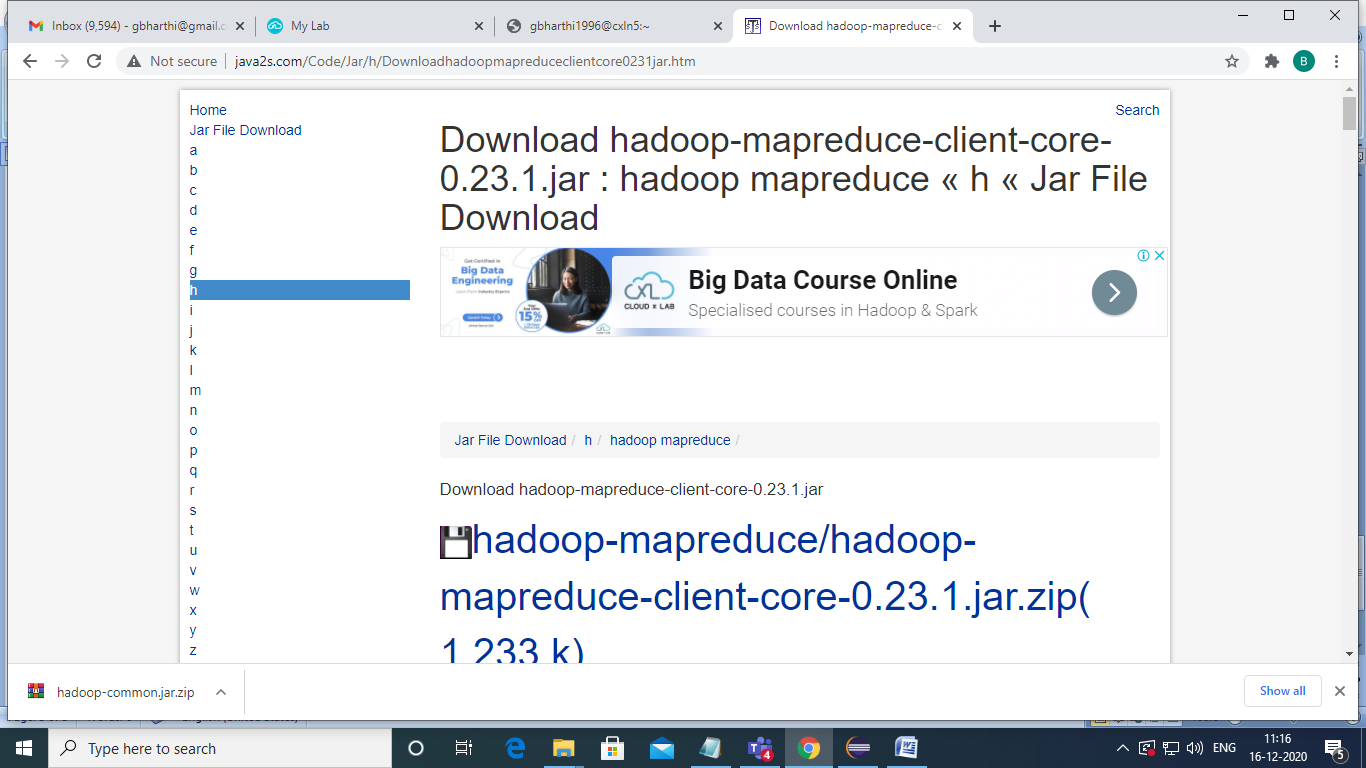
1. Hadoop common jar
2. Hadoop mapreduce client core jar files

Then extract these two jar files









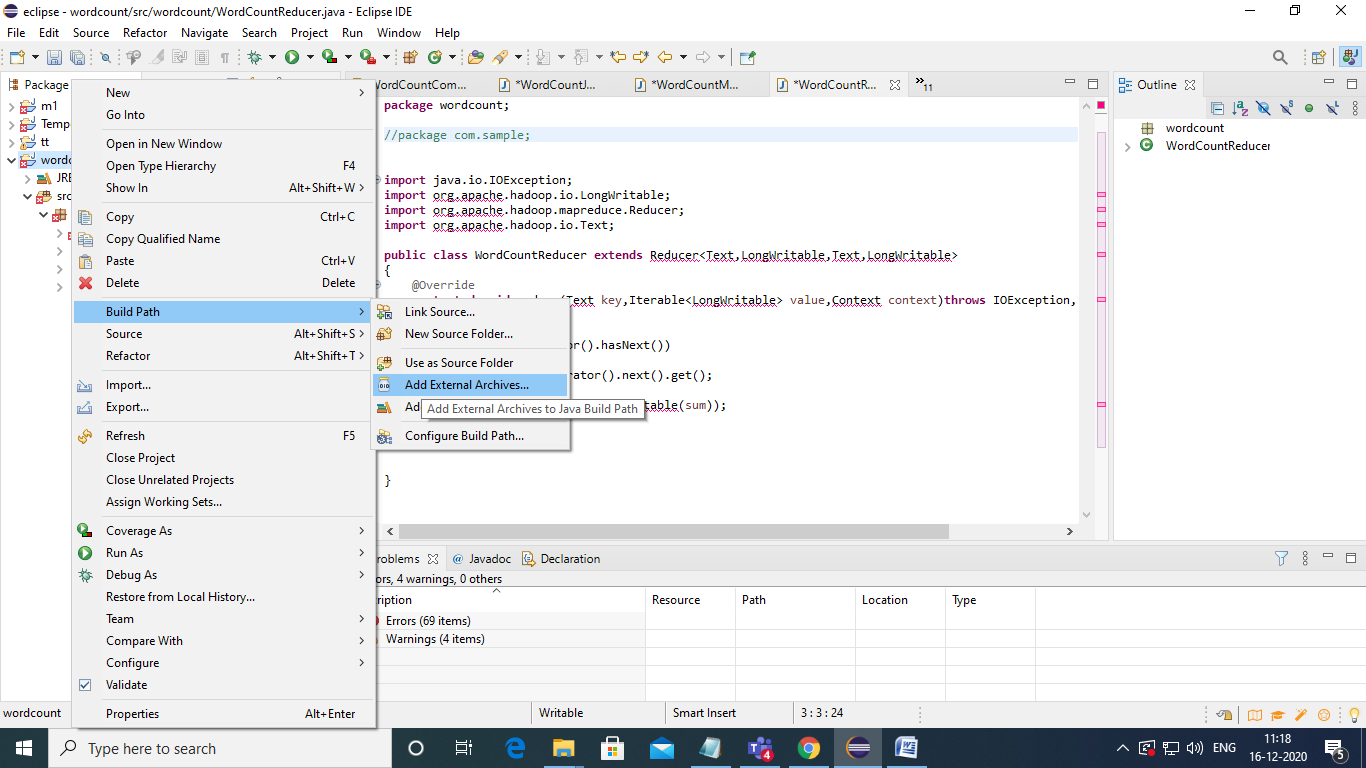
After extracting jar files add these two jar files to your project by

Right click on project name here wordcount-> Build path-> Add external archives

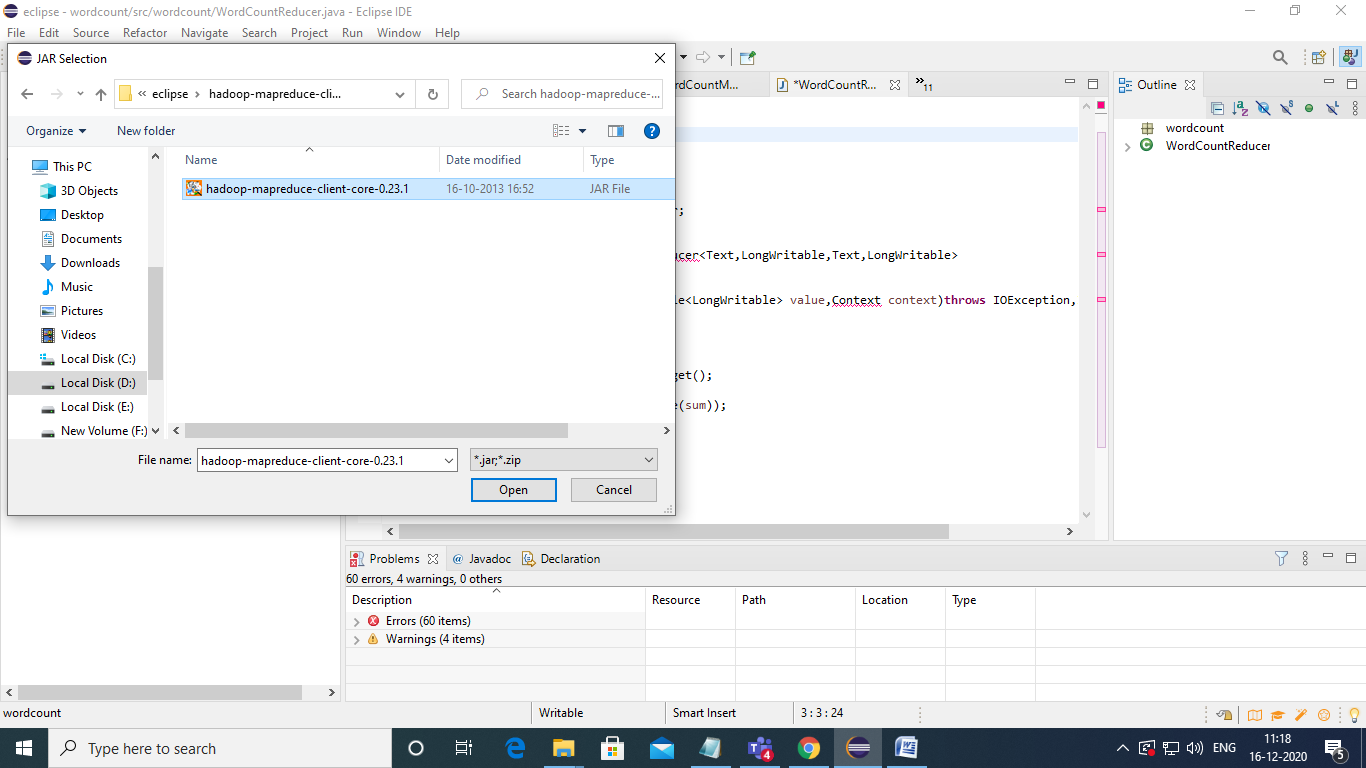
Then select hadoop common jar file

Again Right click on project name here wordcount-> Build path-> Add external archives

Then select mapreduce client core jar file

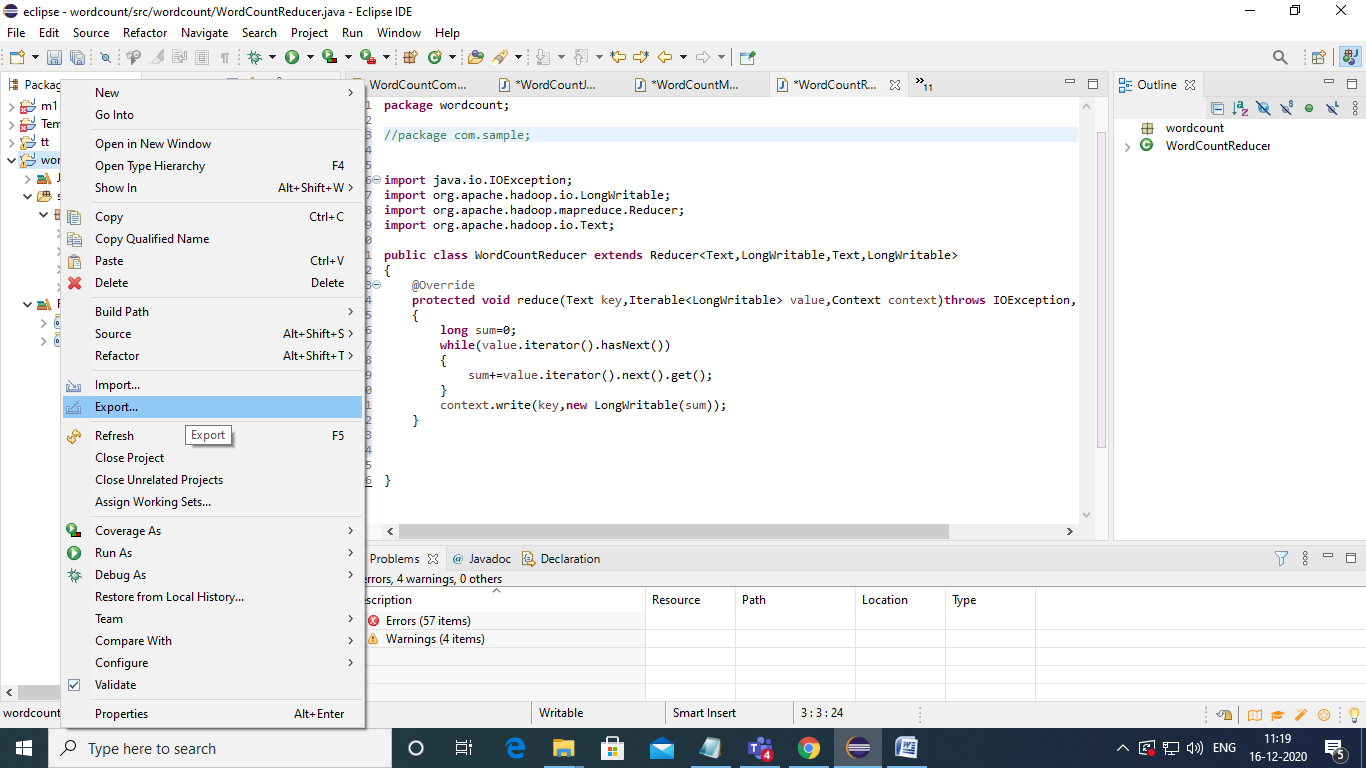


Selection of jar file

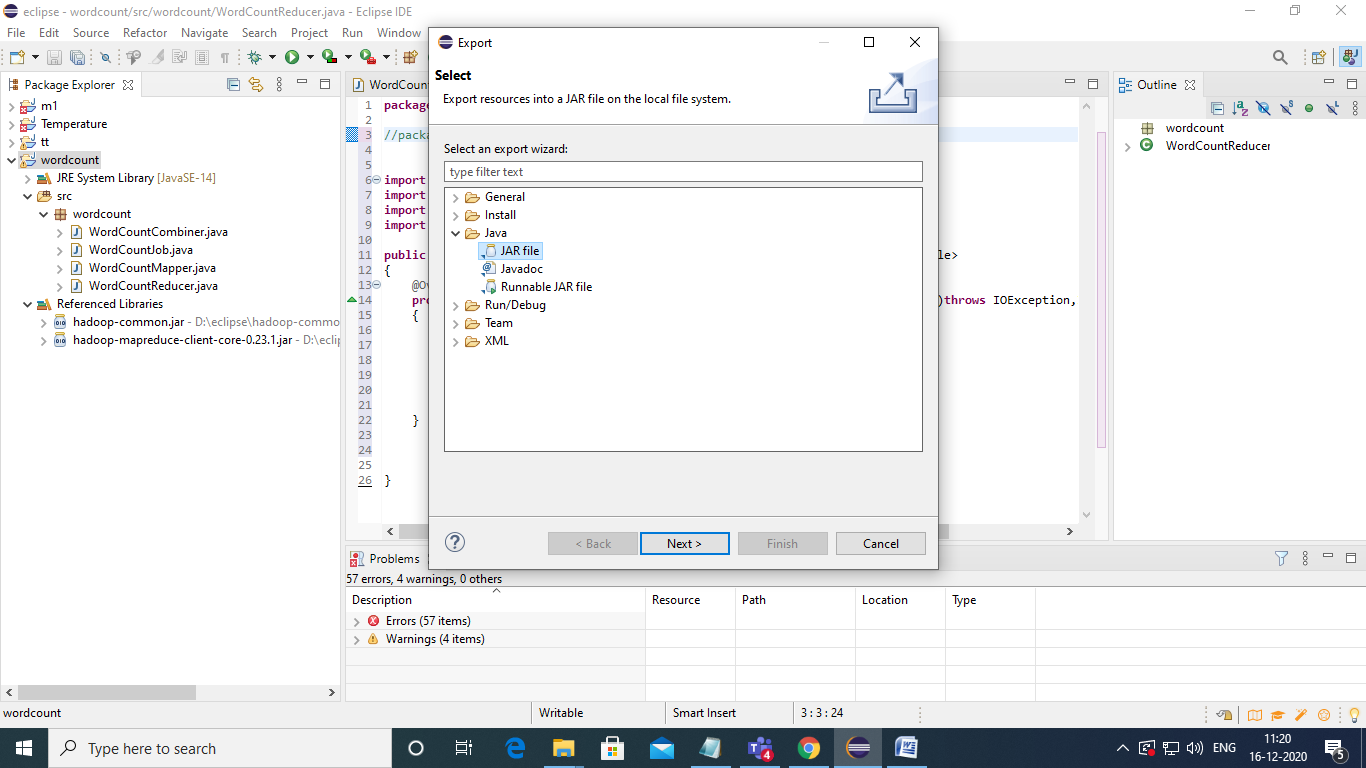


Now creation of jar file

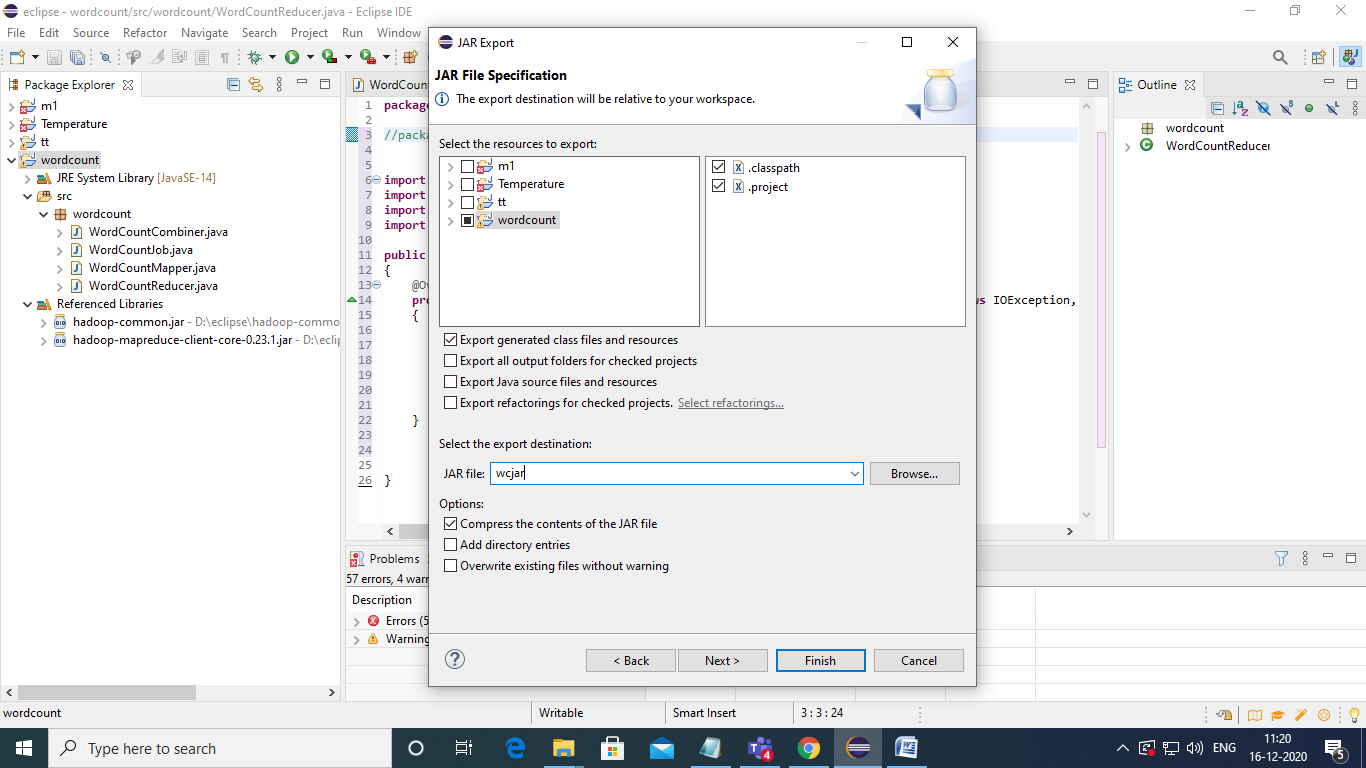
Select project (wordcount) rightclick -> Export

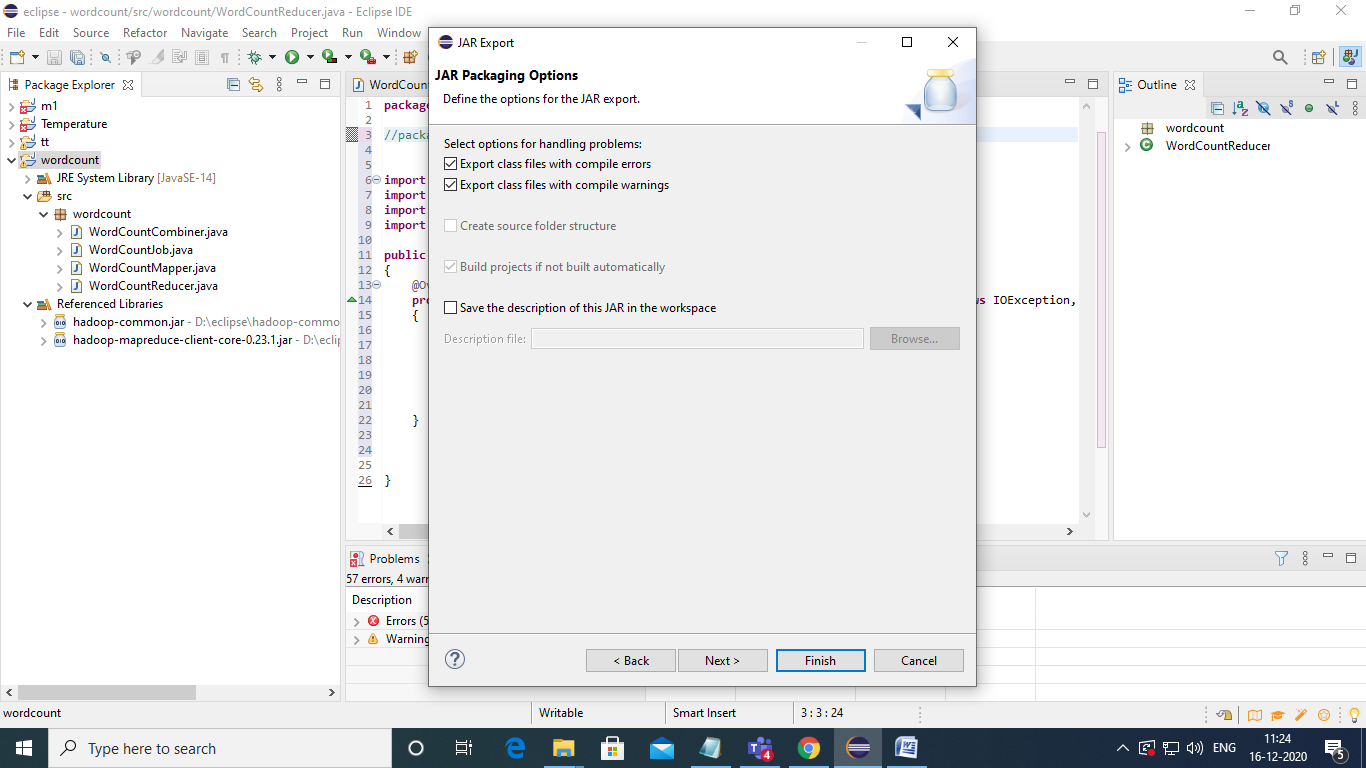


Then select java->JAR file click next



Select wordcount by click on that then give the name of the jar file then press next button



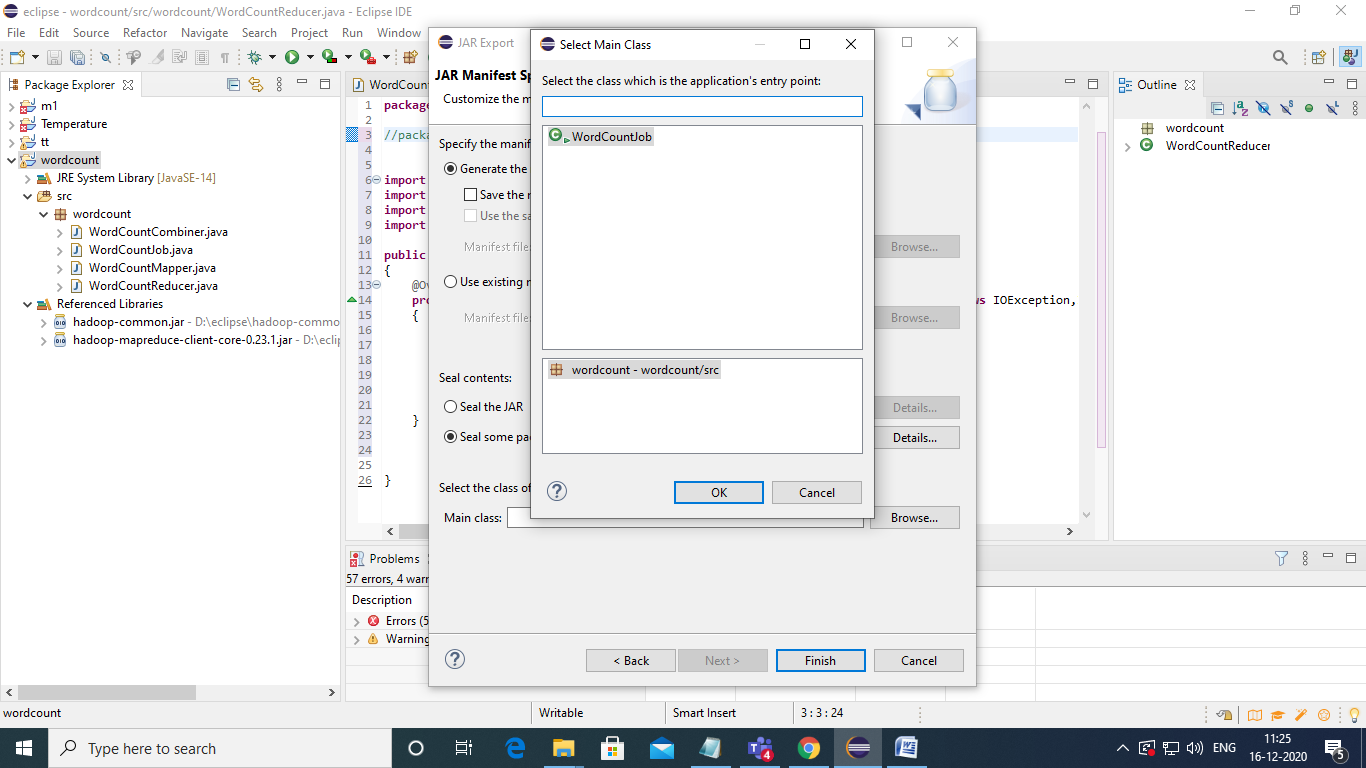


Press next

Then give main class name here (i.e driver class name)



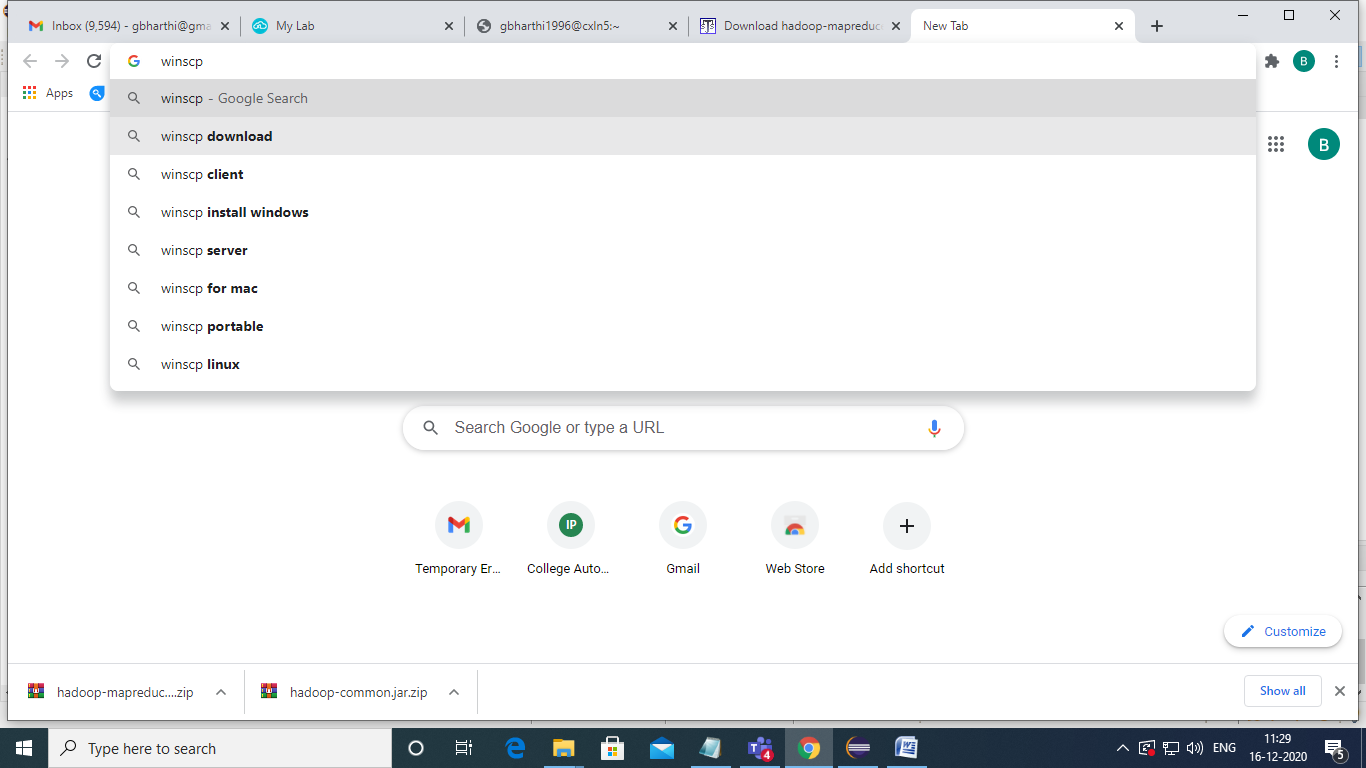
Browse main class name

****

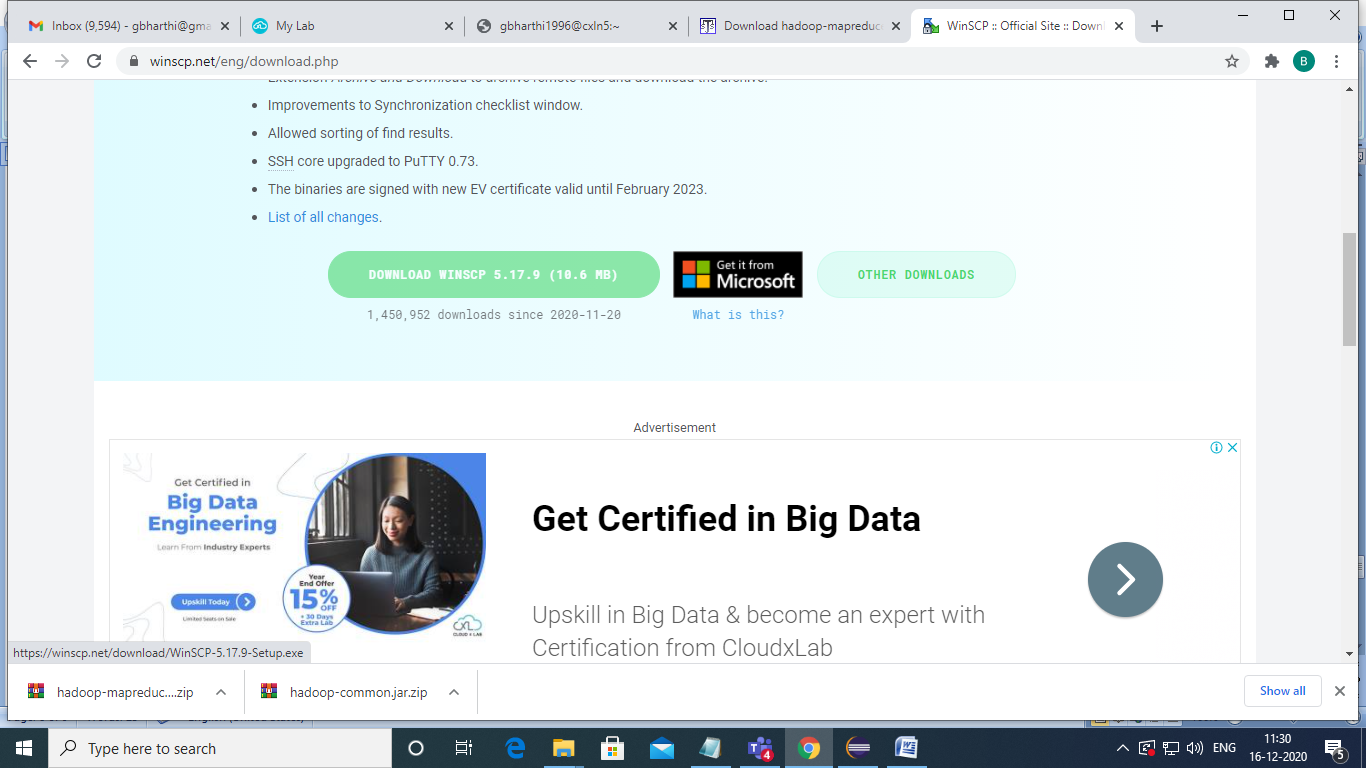
**After selecting main class name press ok**

**Press finish tab**

**Next upload jar file and data file to cloud for this download winscp for transferring files from our localdisk to cloudx**

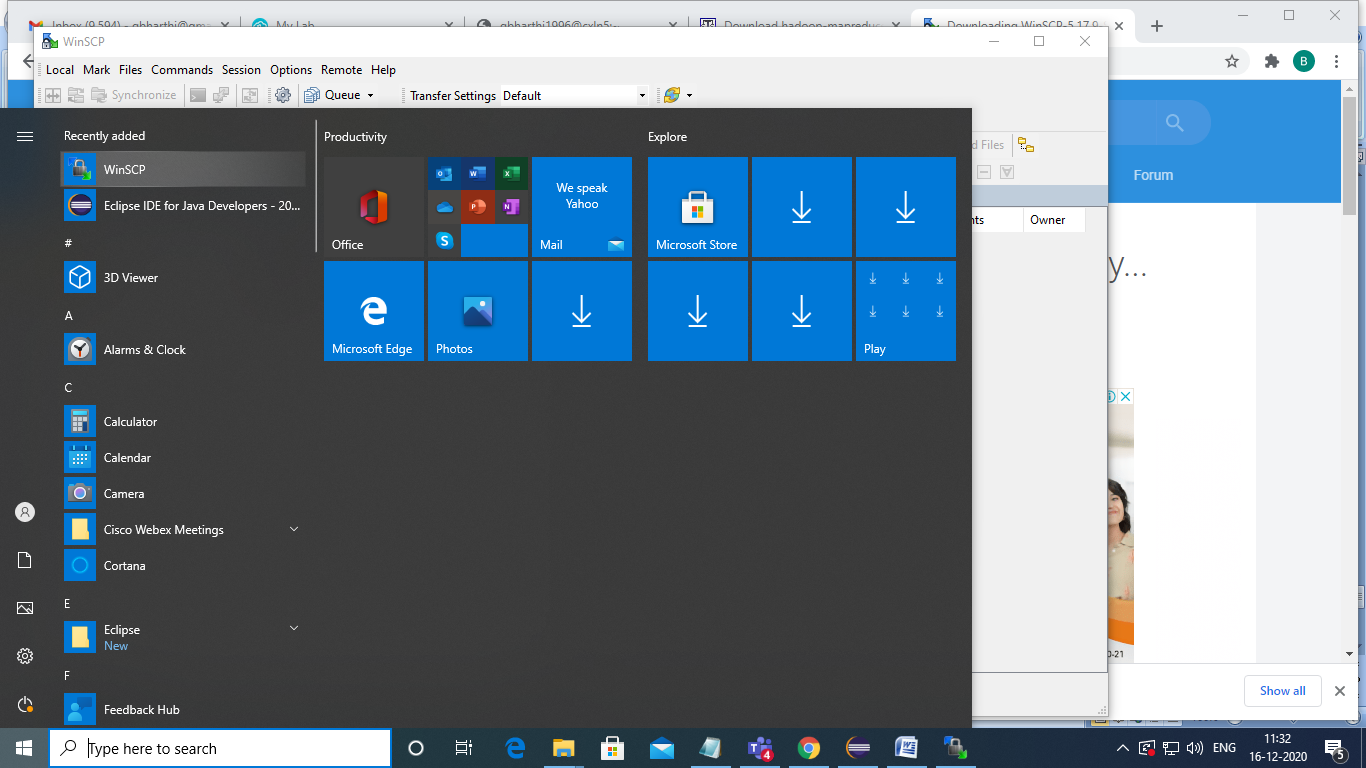
****

**Down load winscp**

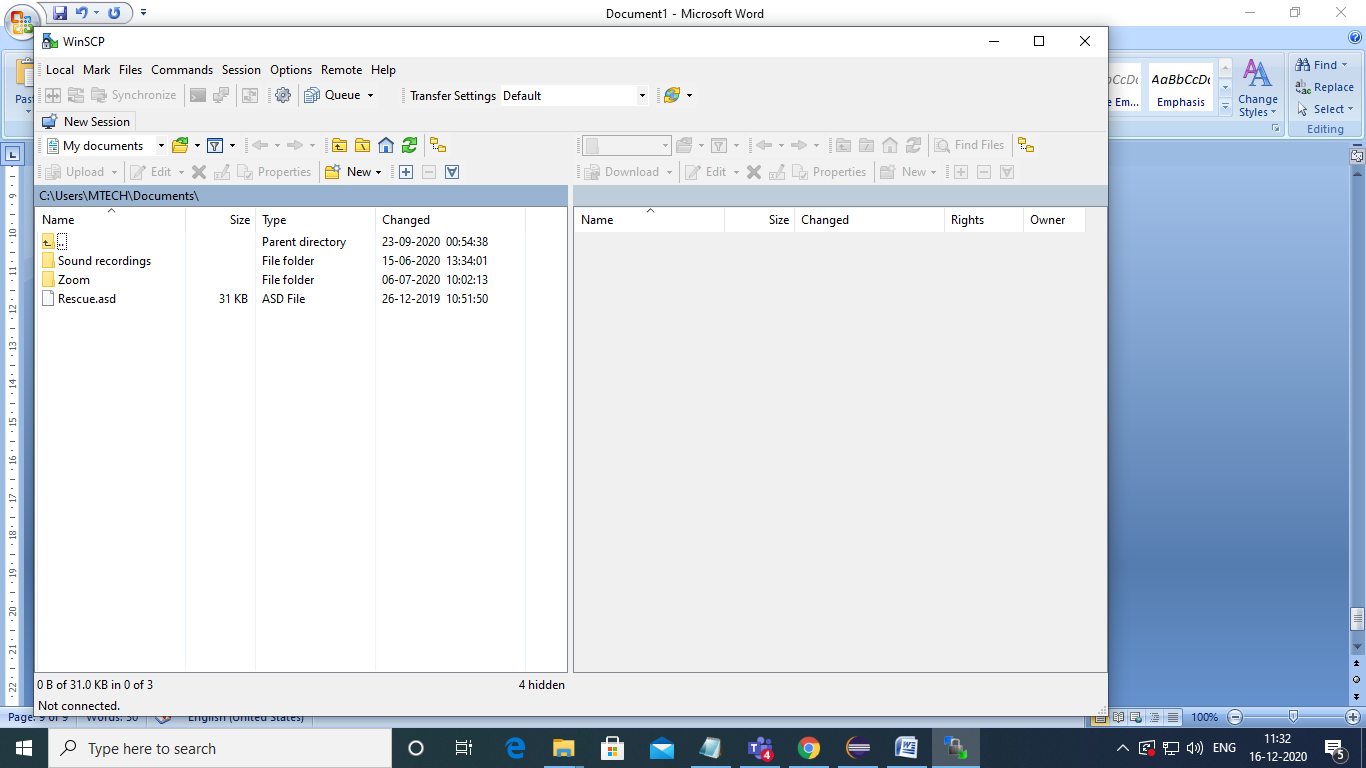
****

Install it

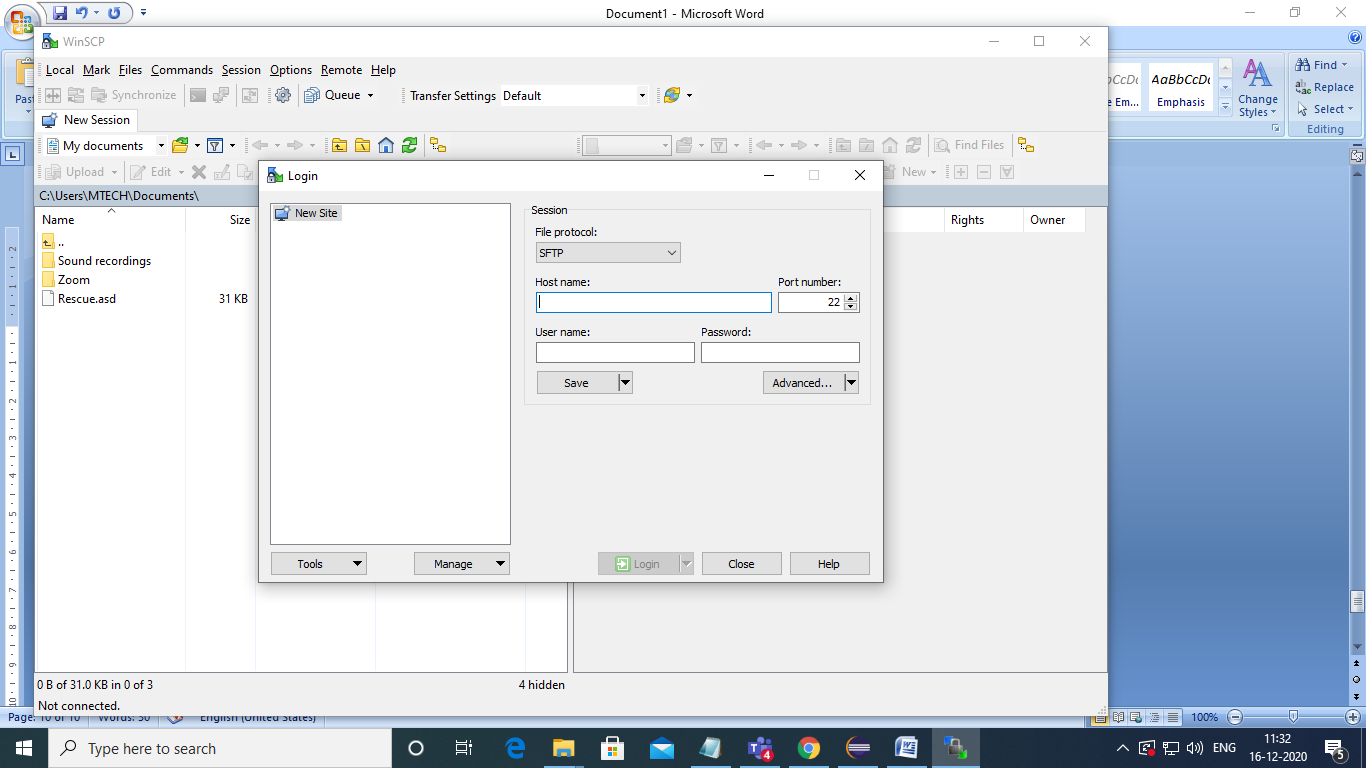
Open winscp



For uploading files create one session

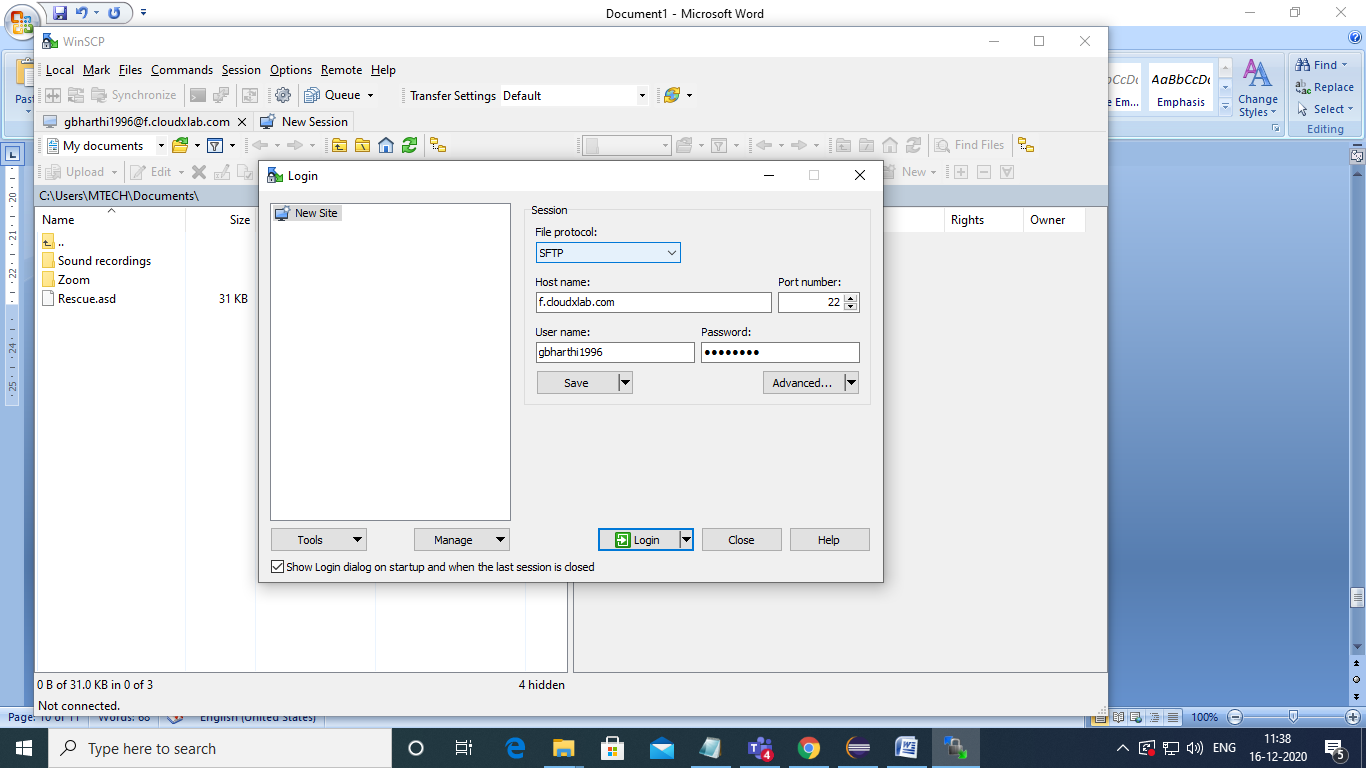


Press newsession

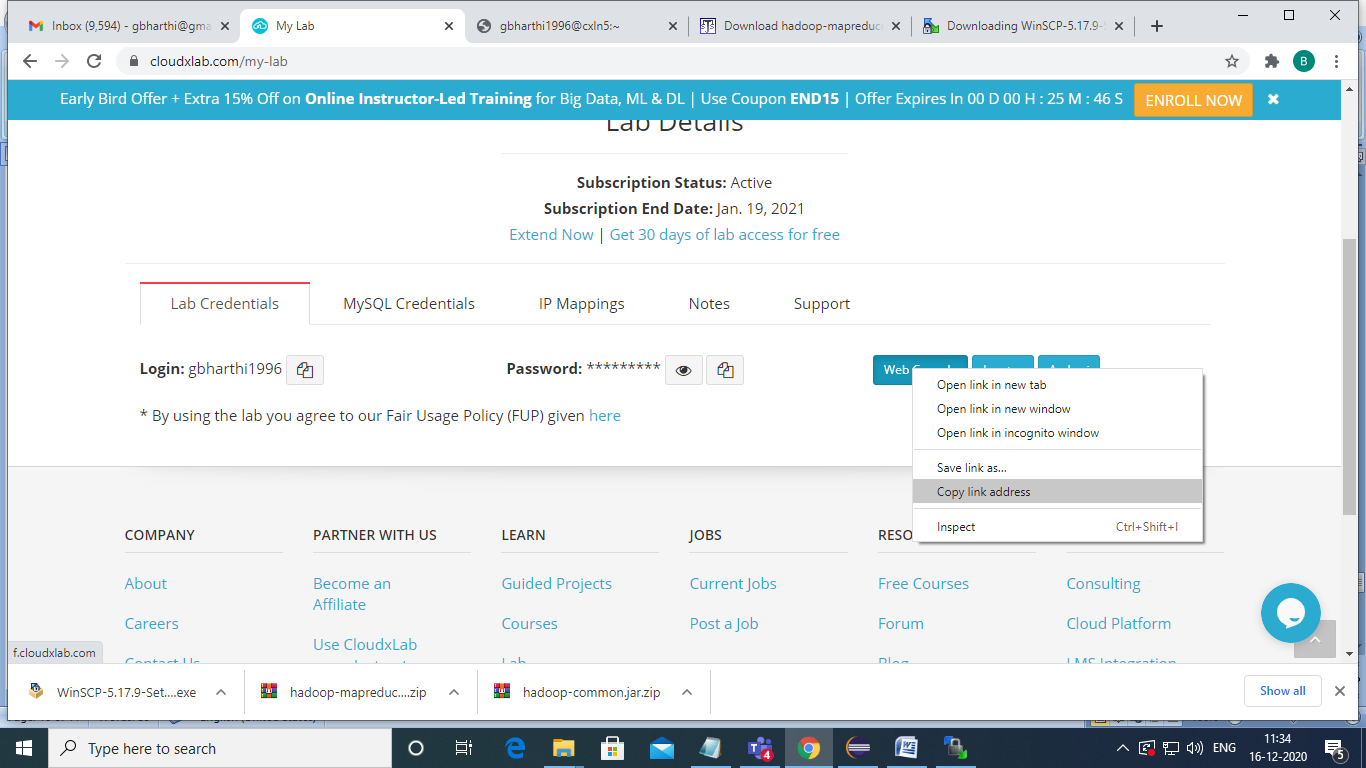


Go to cloudxlab

Change fileprotocol as SFTP

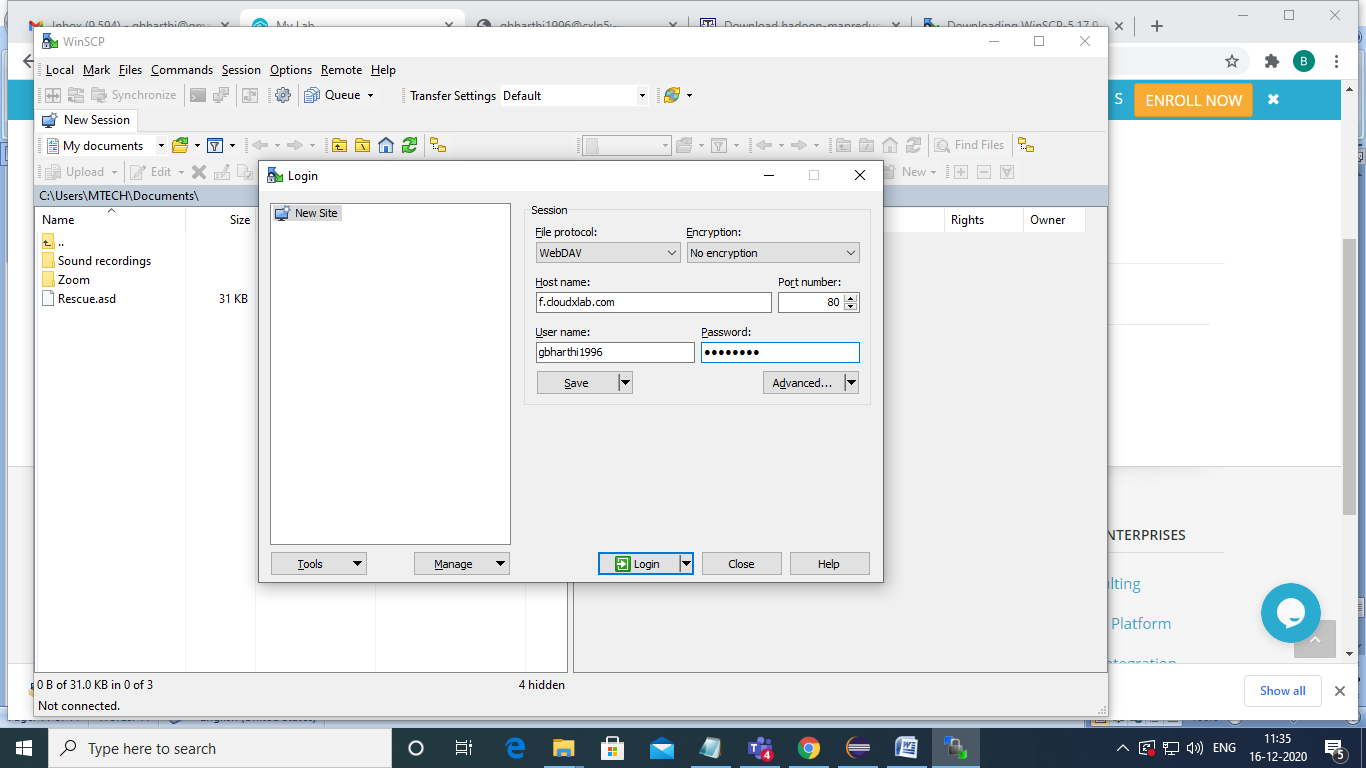


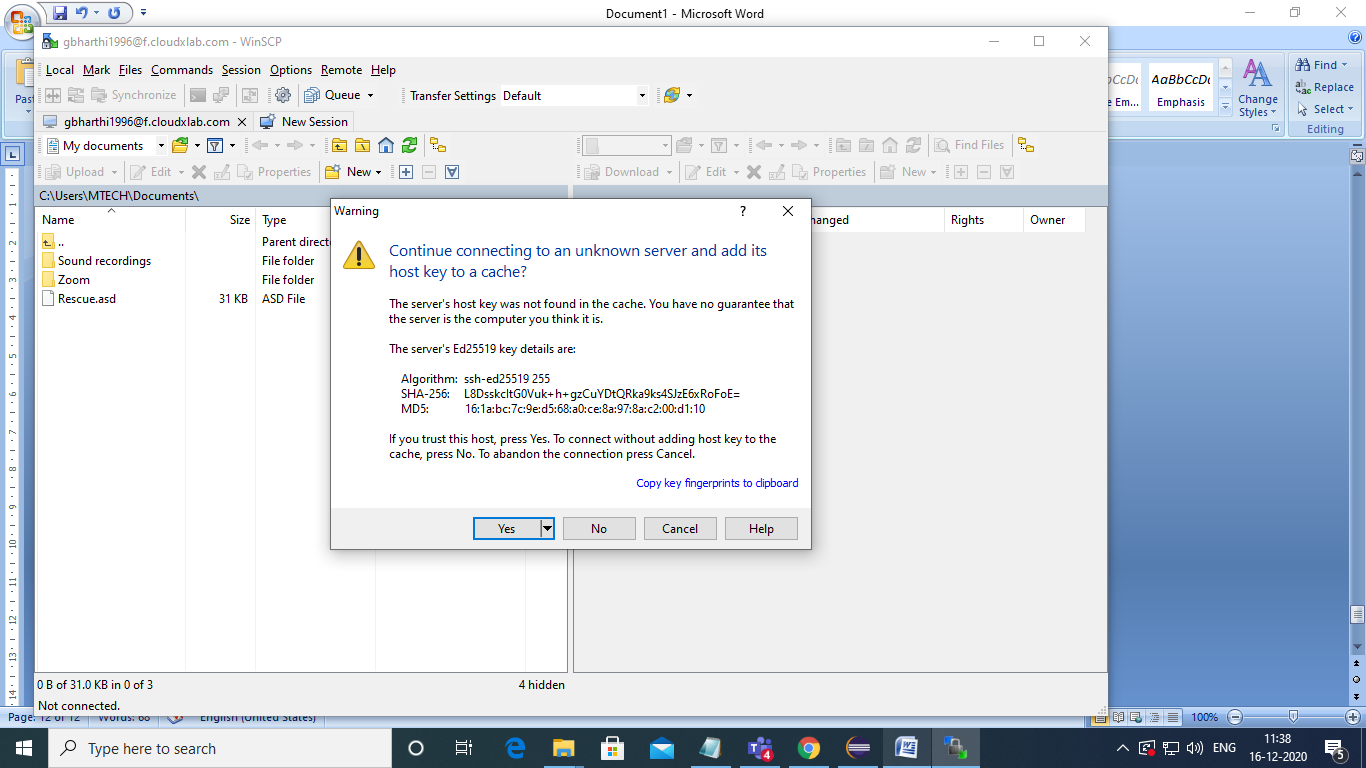
Rightclick webconsole copy linkaddress



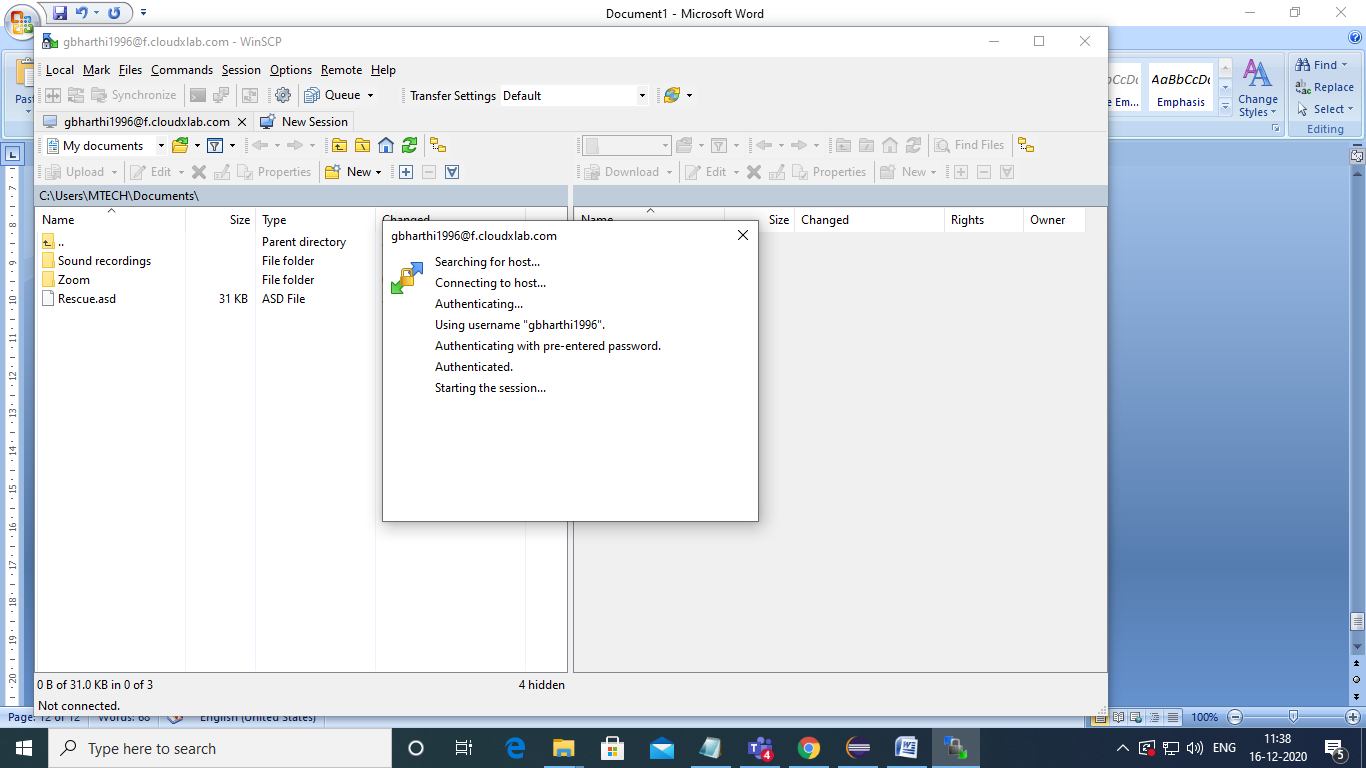
Paste at hostname of winscp

copy username and password of cloudx lab and paste it in winscp to connect to cloudx server to upload jarfile



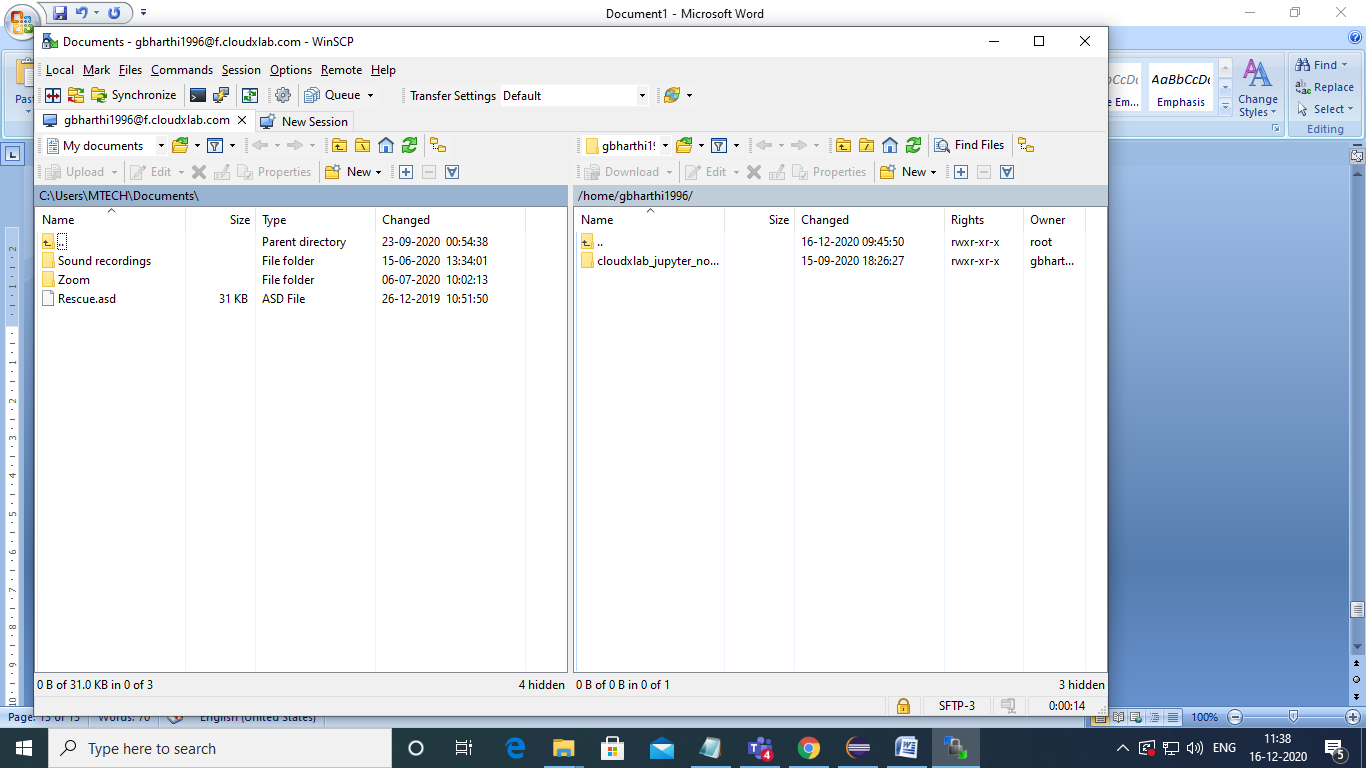


Press yes

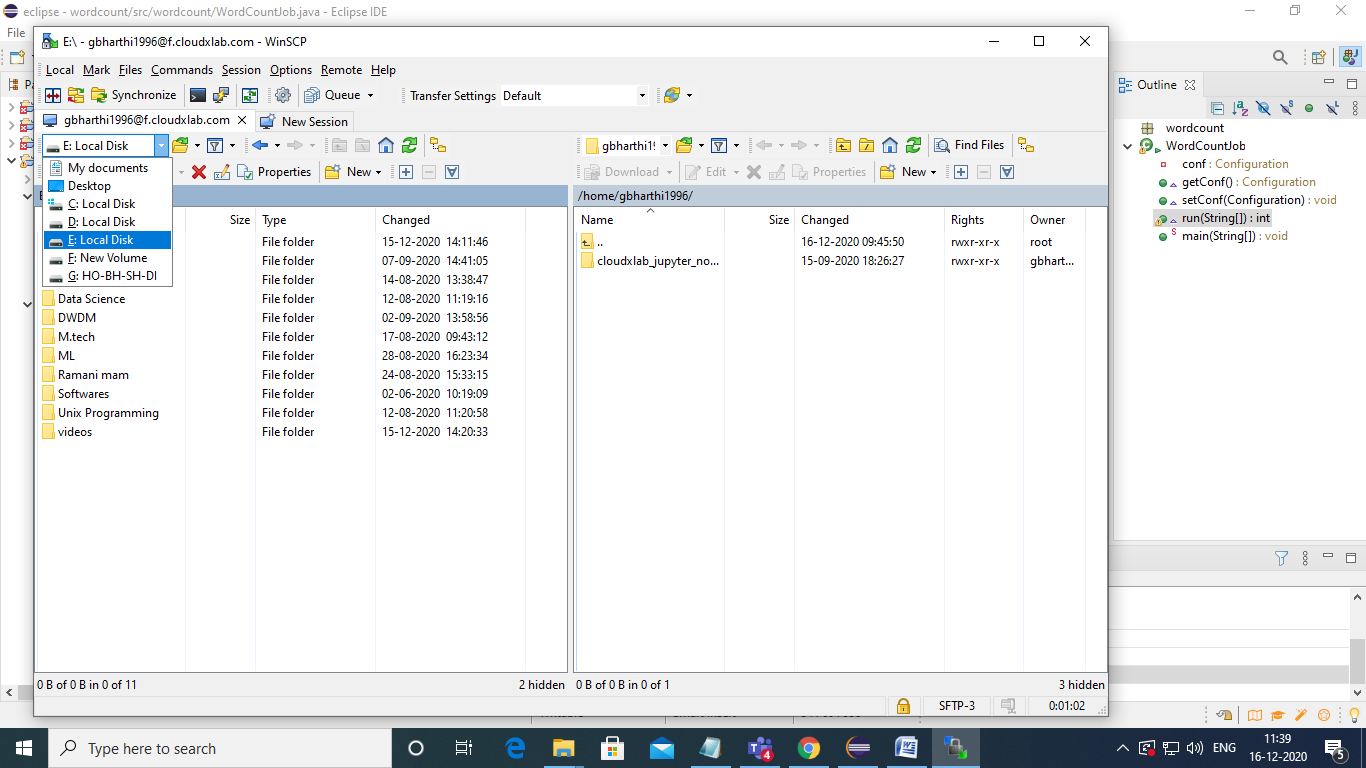


Now connection established.

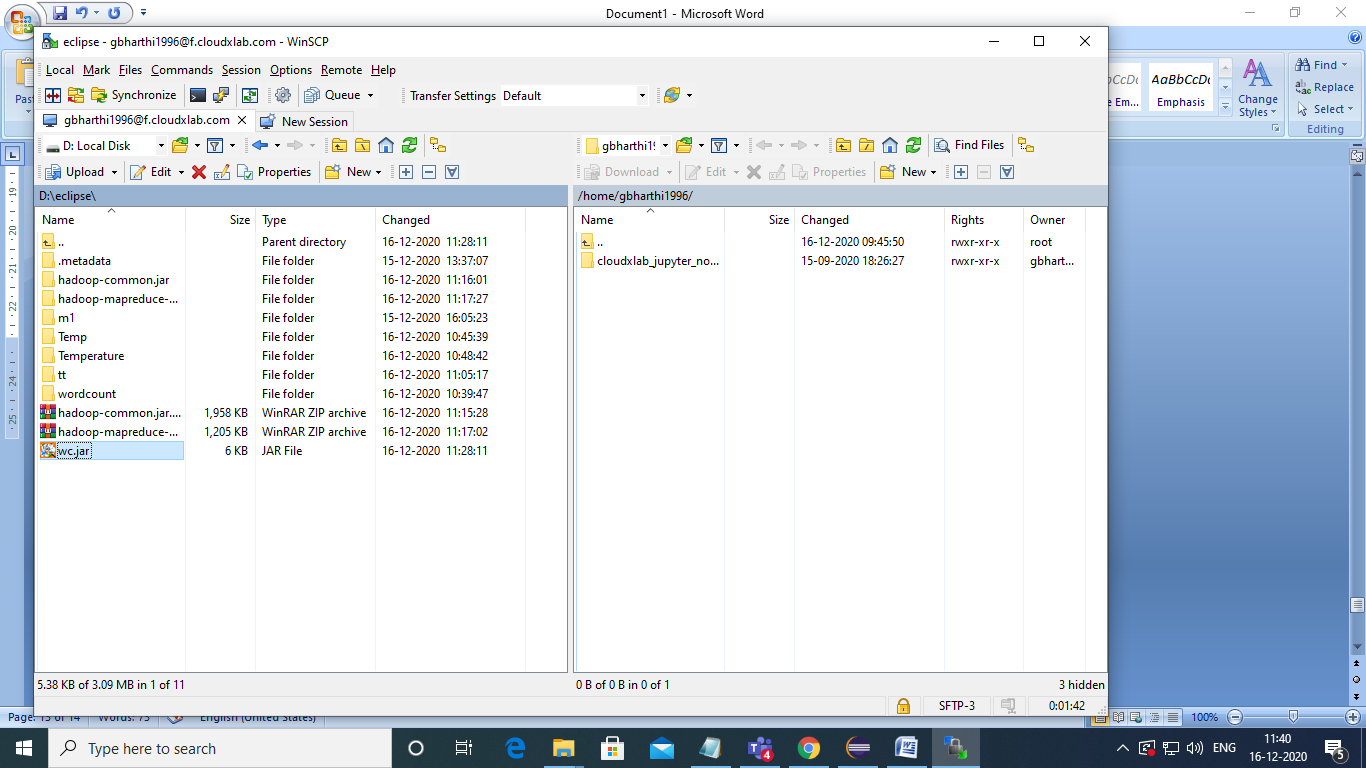
Then upload jar file and data file



To select jarfile leftside search the file in local disk



Select jar file then drag and drop

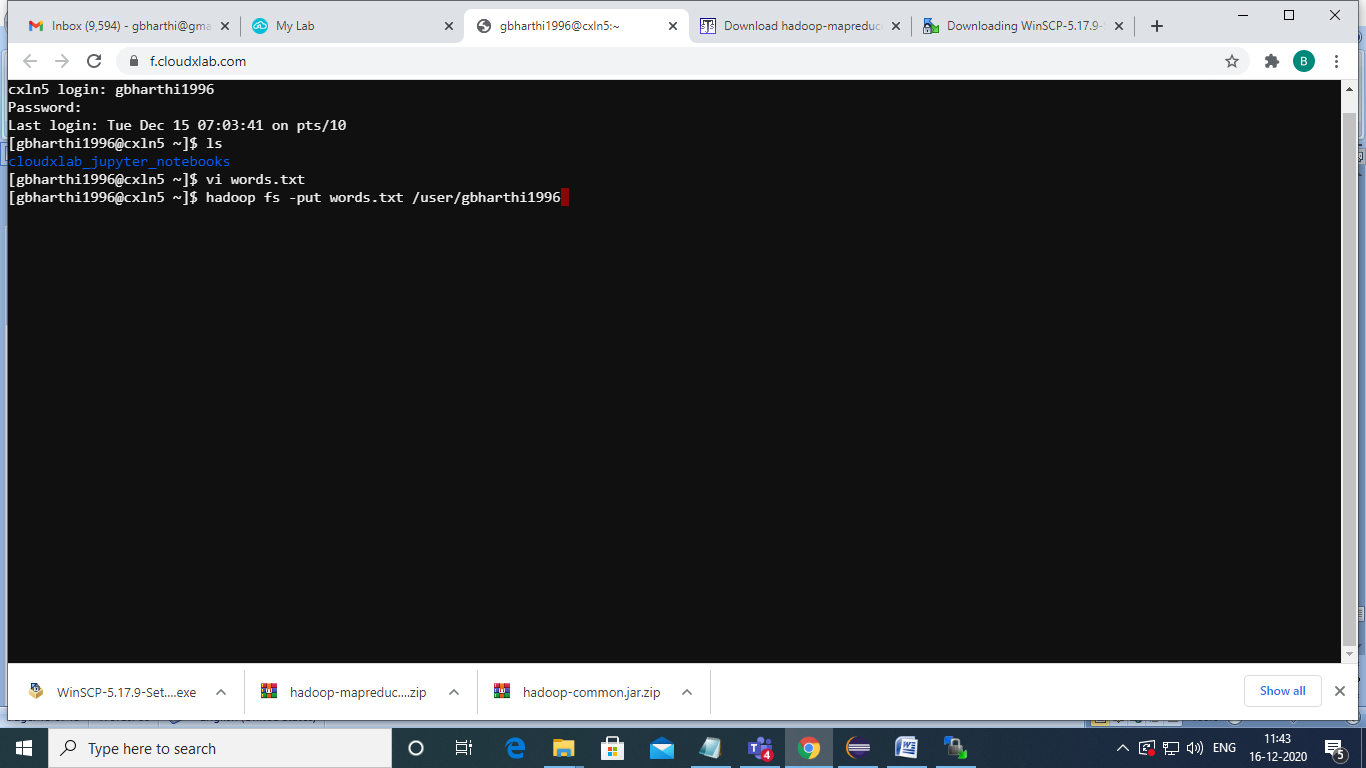




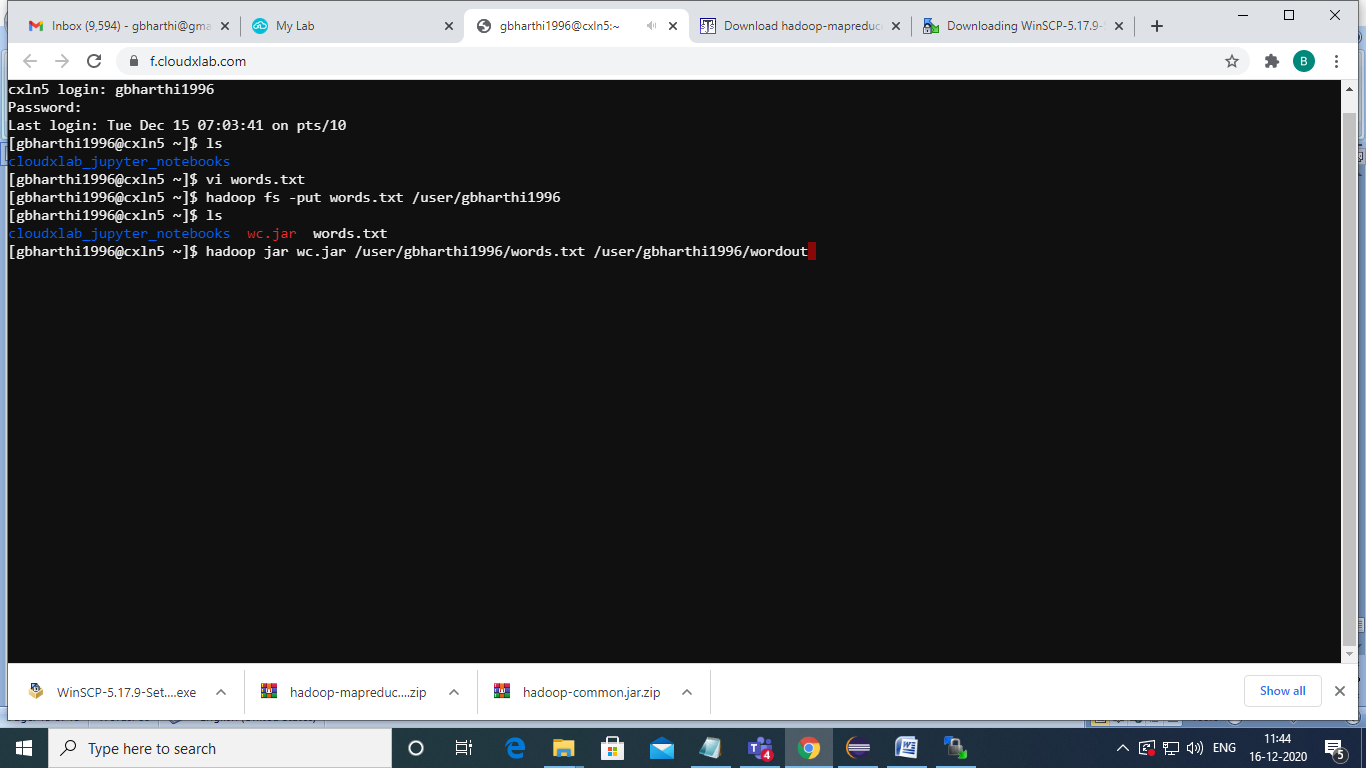
If data file is available that also drag and drop

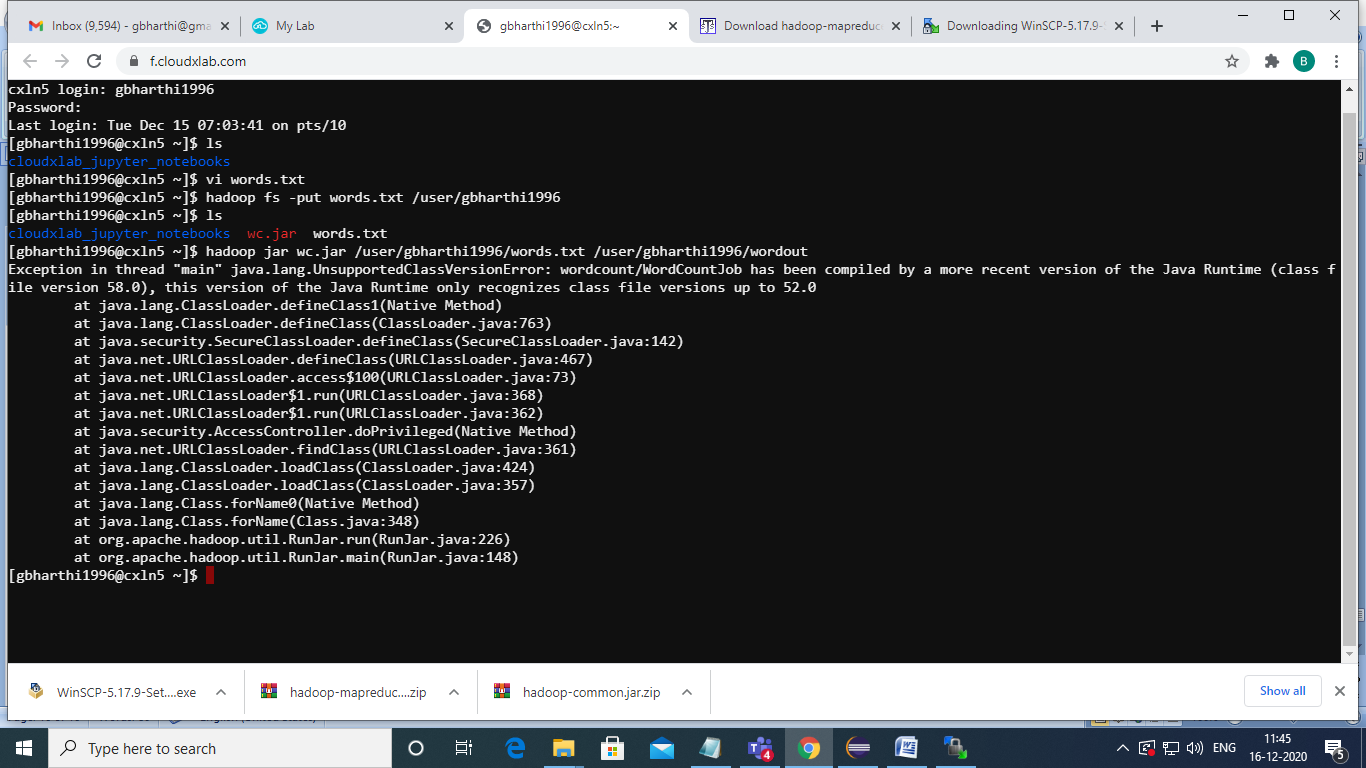
Here create one text file words.txt

Copy that text file to hadoop by using put command



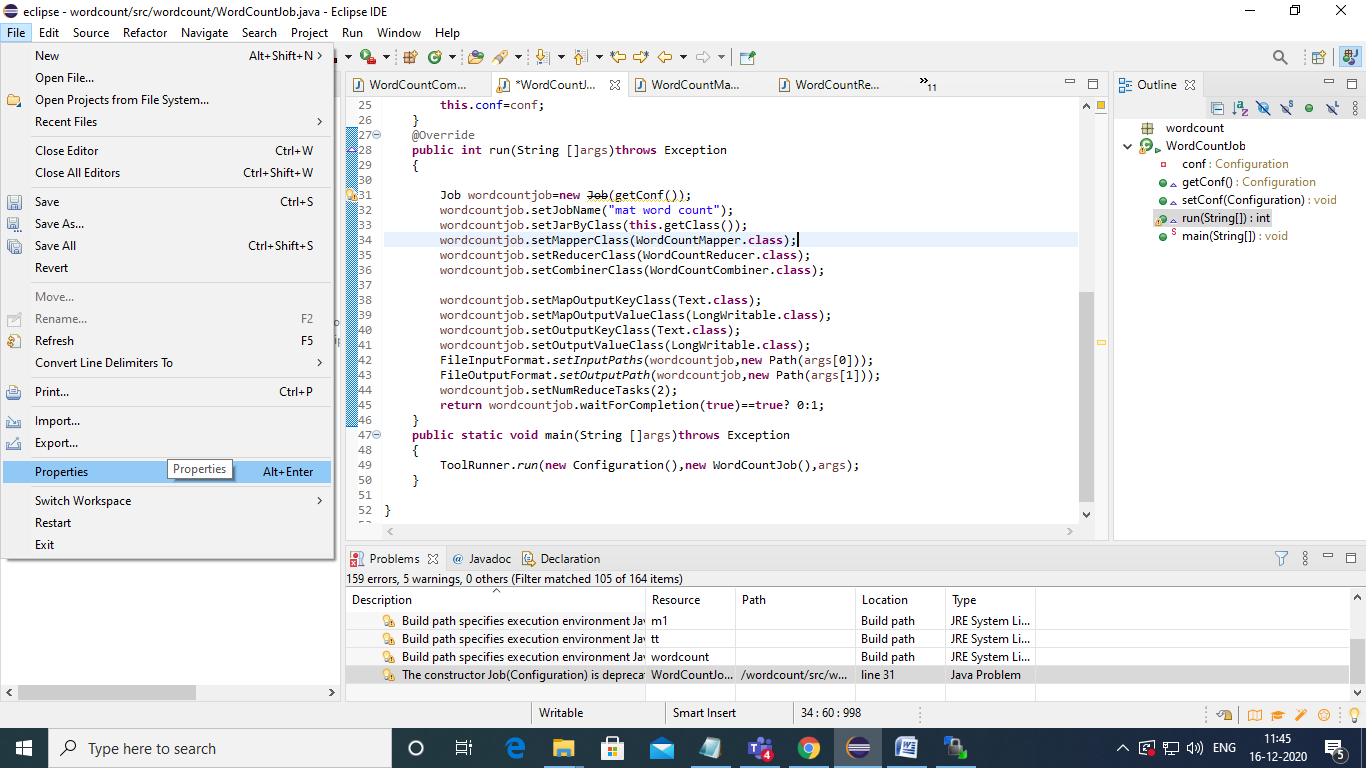
Execute wordcount program



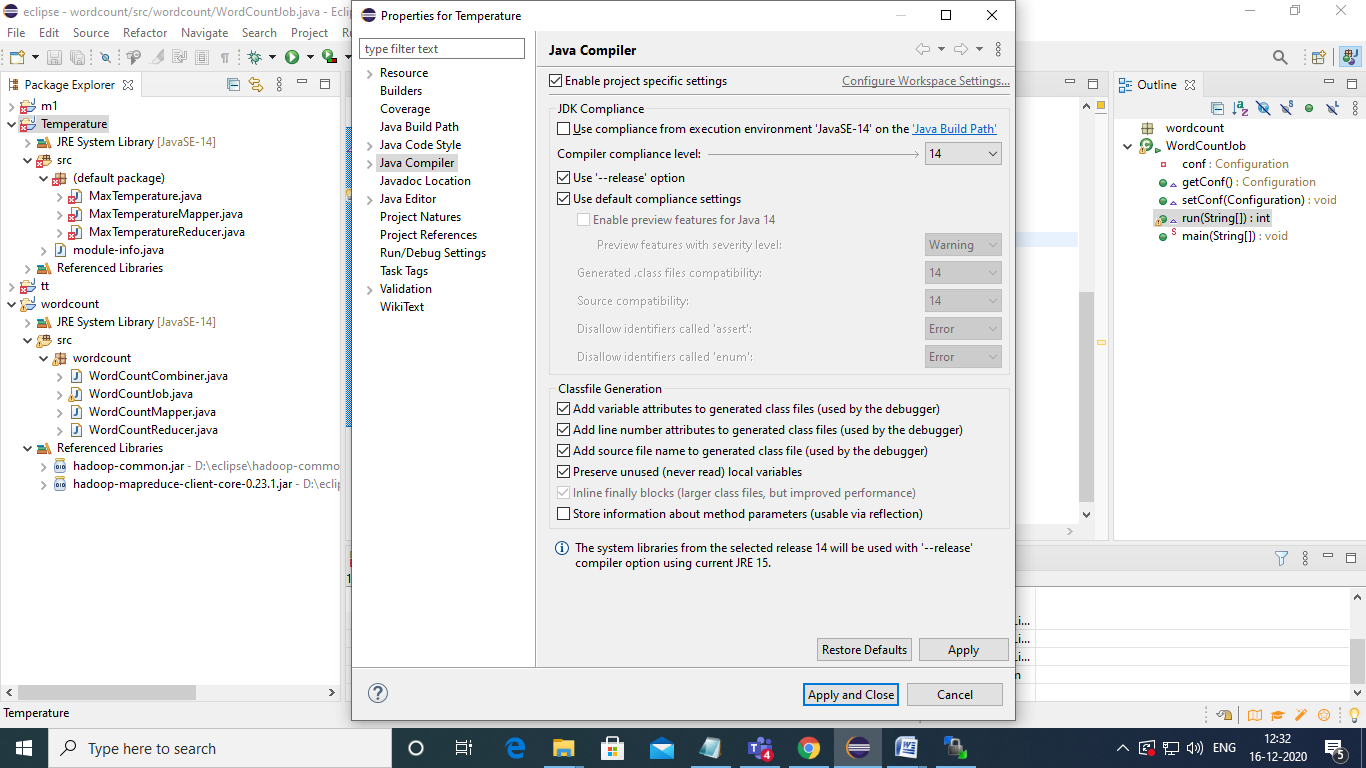


If you get errors change java version in eclipse then again create jar file with java version 1.8

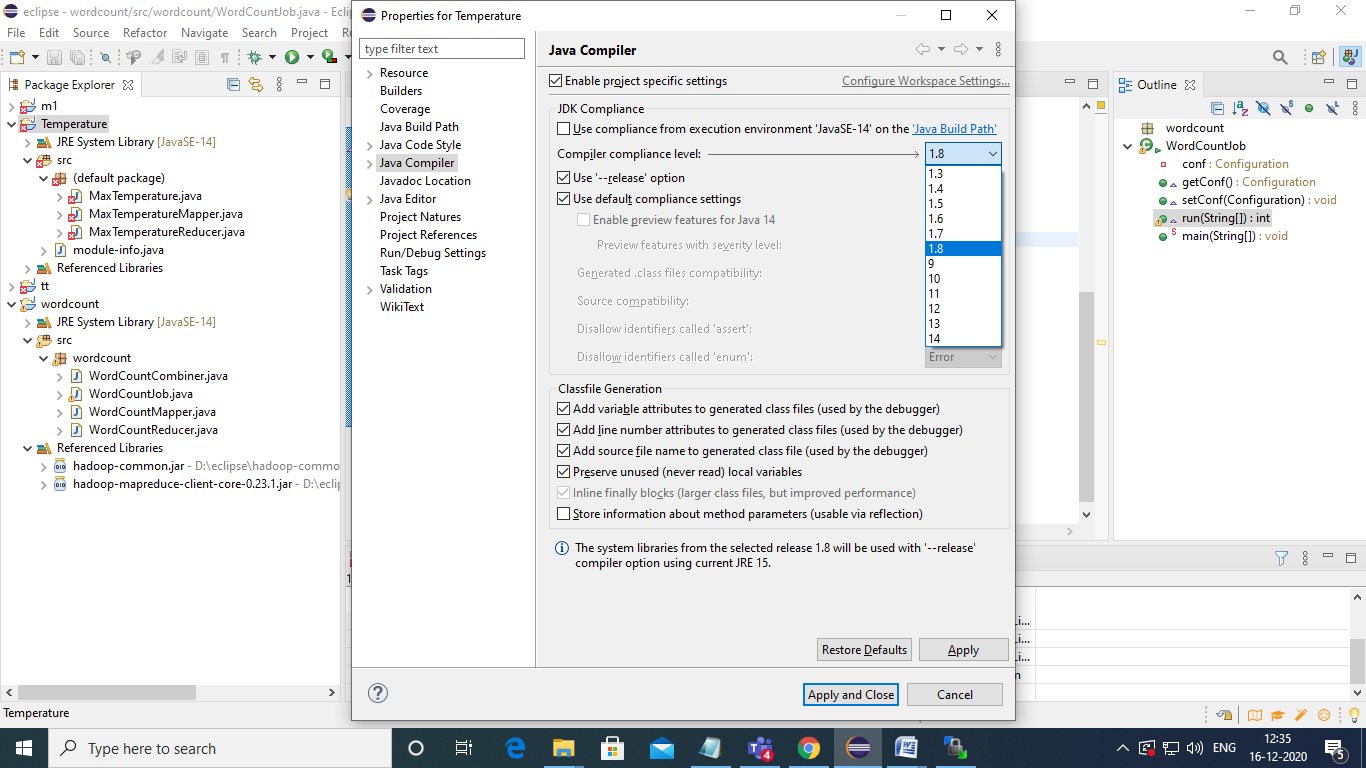
In eclipse select properties



Deselect use compliance from execution envirtonment



Select 1.8 version instead of 14



Apply

Then apply and close

Again create jar file then upload that file to cloudx

Then execute

