# LAB-Evaluation 3

# BIG DATA
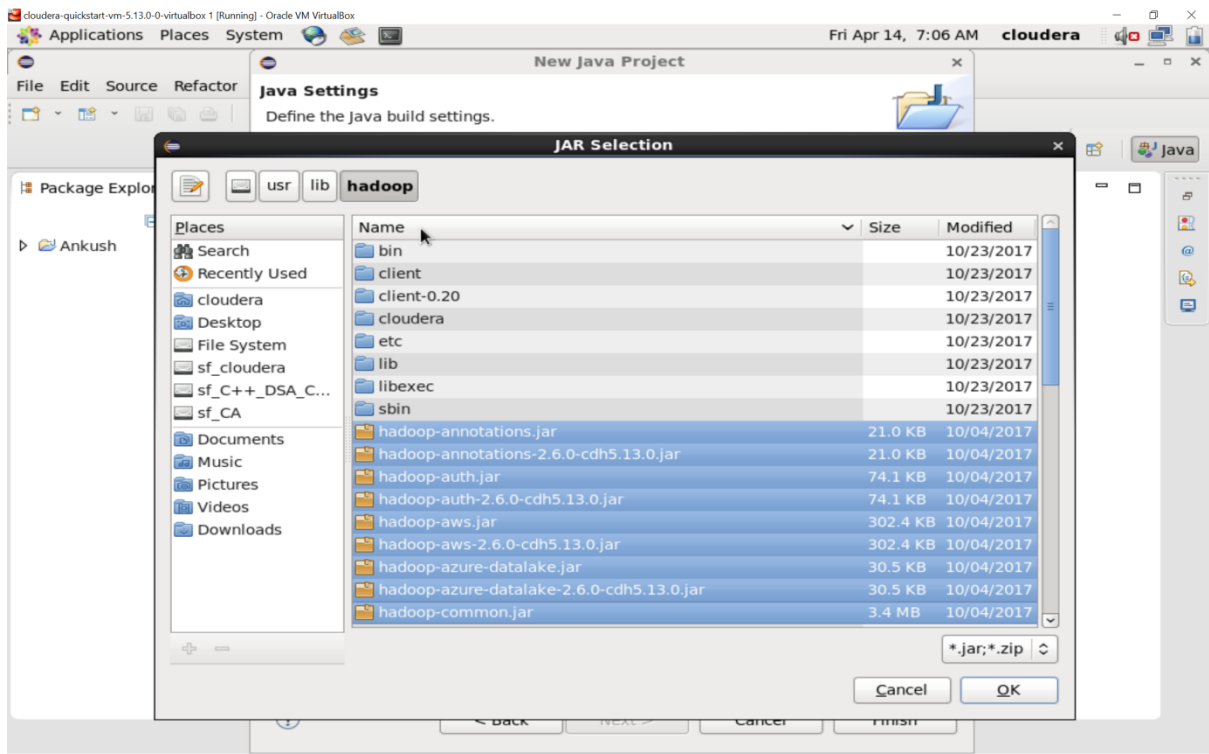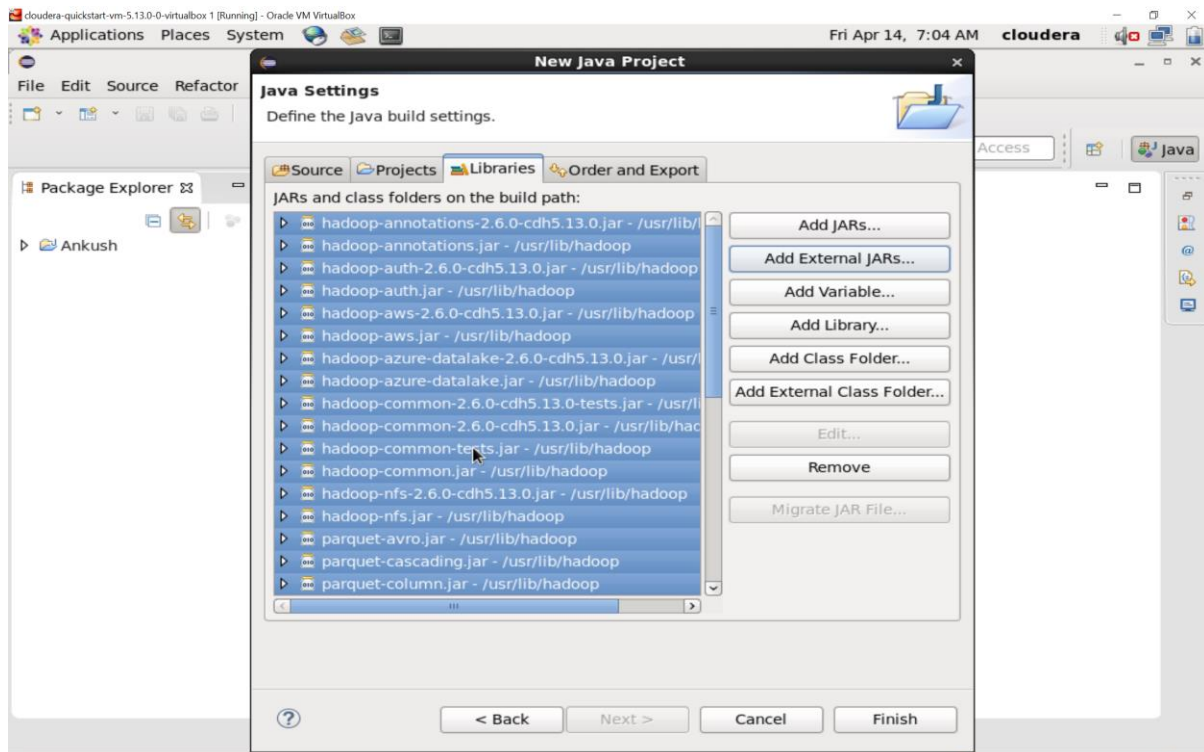


**Name-Ankush Kumar**

**Roll-B55**

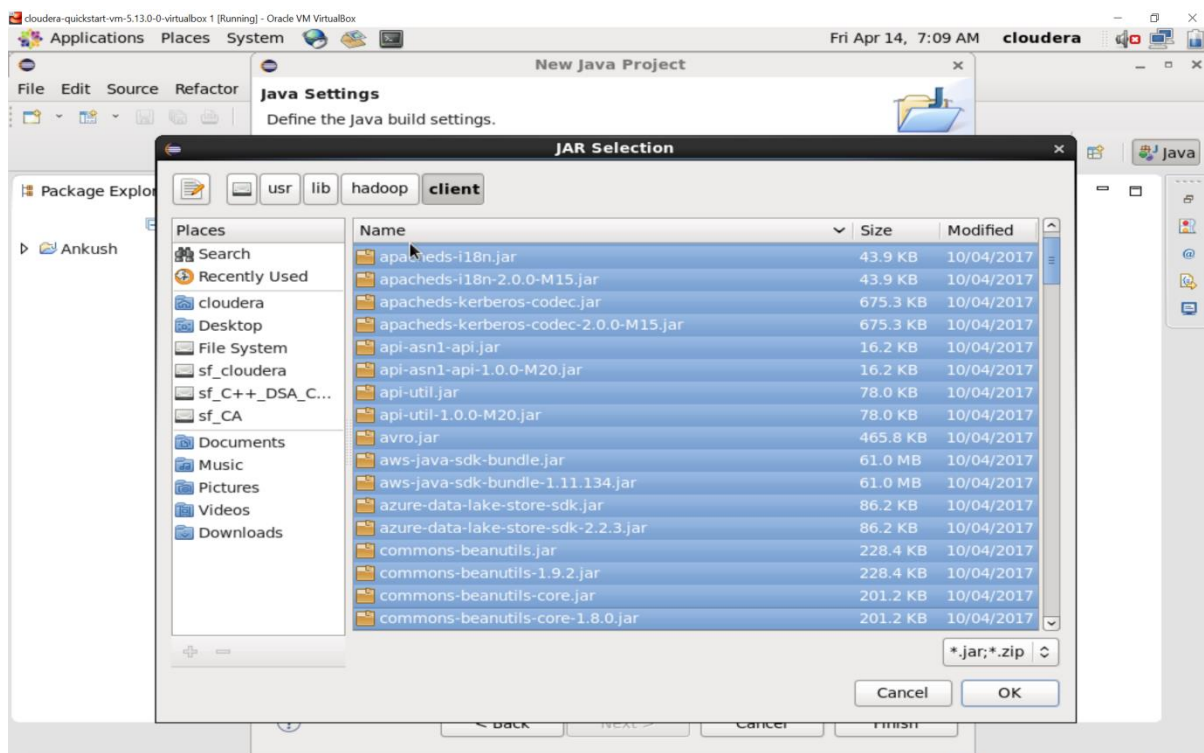**Group-2**

**Reg No-12204834**

**Faculty-Dr.Poonam Ratan**

Click on Next->Libraries->Add External JARs->usr->lib->hadoop. Select all jar files present there and click on OK.
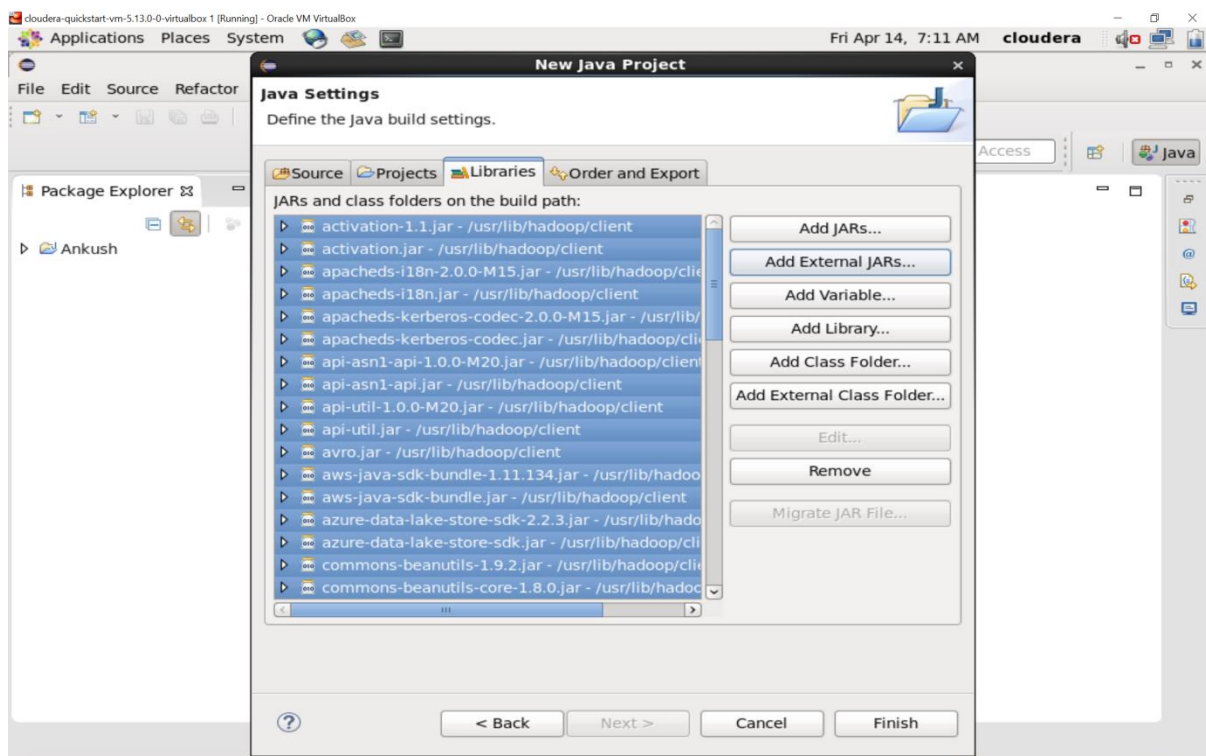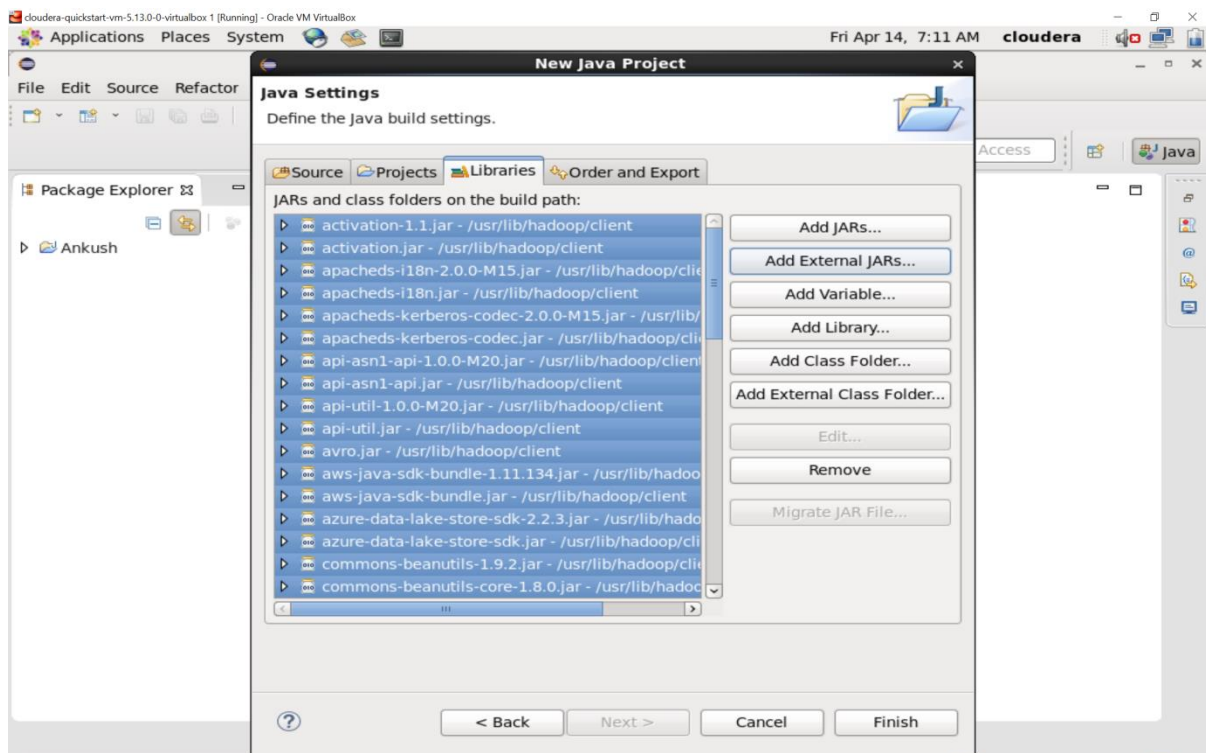
Again click on "Add External JARs" then follow this path- usr->lib->hadoop->client. Select all the jar files present over here and click on OK.

Now click on "Finish".



Now make three classes under project "Ankush" and copy the provided code under these three classes separately.

Applications  Places  System                          Sun Apr 16, 12:03 PM  **cloudera**

cloudera@quickstart:~

File  Edit  View  Search  Terminal  Help

```
[cloudera@quickstart ~]$ hdfs dfs -mkdir /sale
[cloudera@quickstart ~]$ hdfs dfs -put /home/cloudera/SalesInput /sale
put: `/home/cloudera/SalesInput': No such file or directory
[cloudera@quickstart ~]$ hdfs dfs -put /home/cloudera/Downlads/SalesInput /sale
put: `/home/cloudera/Downlads/SalesInput': No such file or directory
[cloudera@quickstart ~]$ hdfs dfs -put /home/cloudera/Downloads/SalesInput /sale

[cloudera@quickstart ~]$ hadoop jar /home/cloudera/Ankush.jar SalesCountry /sale
s/SalesInput /salesout1
Not a valid JAR: /home/cloudera/Ankush.jar
[cloudera@quickstart ~]$ hadoop jar /home/cloudera/ankush.jar SalesCountry /sale
s/SalesInput /salesout1
23/04/16 12:01:13 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0
:8032
23/04/16 12:01:13 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0
:8032
23/04/16 12:01:14 WARN mapreduce.JobResourceUploader: Hadoop command-line option
 parsing not performed. Implement the Tool interface and execute your applicatio
n with ToolRunner to remedy this.
23/04/16 12:01:14 INFO mapred.FileInputFormat: Total input paths to process : 1
23/04/16 12:01:14 INFO mapreduce.JobSubmitter: number of splits:2
23/04/16 12:01:14 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_16
81668842217_0001
23/04/16 12:01:15 INFO impl.YarnClientImpl: Submitted application application_16
81668842217_0001
23/04/16 12:01:15 INFO mapreduce.Job: The url to track the job: http://quickstar
t.cloudera:8088/proxy/application_1681668842217_0001/
23/04/16 12:01:15 INFO mapreduce.Job: Running job: job_1681668842217_0001
23/04/16 12:01:30 INFO mapreduce.Job: Job job_1681668842217_0001 running in uber mode : false
23/04/16 12:01:30 INFO mapreduce.Job:  map 0% reduce 0%
23/04/16 12:01:41 INFO mapreduce.Job:  map 100% reduce 0%
23/04/16 12:01:49 INFO mapreduce.Job:  map 100% reduce 100%
23/04/16 12:01:50 INFO mapreduce.Job: Job job_1681668842217_0001 completed successfully
23/04/16 12:01:50 INFO mapreduce.Job: Counters: 49
        File System Counters
                FILE: Number of bytes read=17747
                FILE: Number of bytes written=466107
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
```

[Java - Eclipse ]   cloudera@quic...   cloudera   Downloads   abc.txt (~/Dow...

Type here to search                              29°C Haze  ENG  00:33 17-04-2023

# output

Applications  Places  System                          Sun Apr 16, 12:04 PM  **cloudera**

cloudera@quickstart:~

File  Edit  View  Search  Terminal  Help

```
                Bytes Written=661
[cloudera@quickstart ~]$ hdfs dfs -cat /salesout1/part-00000
Argentina       1
Australia       38
Austria 7
Bahrain 1
Belgium 8
Bermuda 1
Brazil  5
Bulgaria        1
CO      1
Canada  76
Cayman Isls     1
China   1
Costa Rica      1
Country 1
Czech Republic  3
Denmark 15
Dominican Republic      1
Finland 2
France  27
Germany 25
Greece  1
Guatemala       1
Hong Kong       1
Hungary 3
Iceland 1
India   2
Ireland 49
Israel  1
Italy   15
Japan   2
Jersey  1
Kuwait  1
Latvia  1
Luxembourg      1
Malaysia        1
Malta   2
Mauritius       1
```

Downloads

Java - Eclipse   cloudera@quic...   cloudera   Downloads   abc.txt (~/Dow...

Type here to search                              29°C Haze  ENG  00:34 17-04-2023