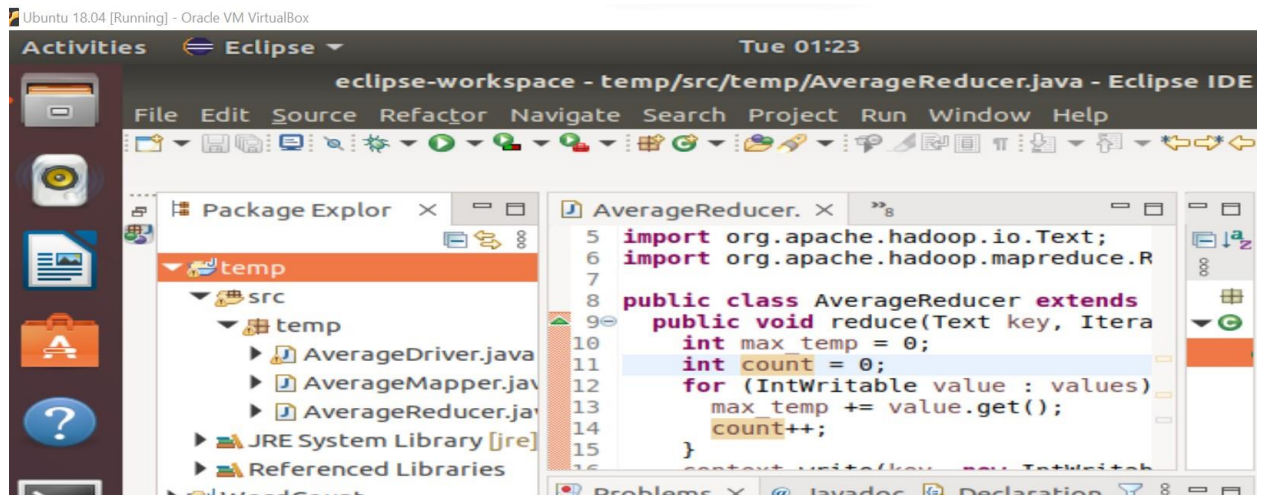


**WEEK 7 BDA LAB**  
**USN:1BM19CS109**  
**NAME: P PREM SAI**

MapReduce on weather dataset program.



```
put: /home/hadoop/Desktop/1901.txt : No such file or directory
hadoop@sharat-VirtualBox:~$ hdfs dfs -put /home/hadoop/Desktop/1901 /inputt
2022-06-28 01:12:47,278 WARN util.NativeCodeLoader: Unable to load native-hadoop
p library for your platform... using builtin-java classes where applicable
hadoop@sharat-VirtualBox:~$ hdfs dfs -ls /inputt
2022-06-28 01:13:05,646 WARN util.NativeCodeLoader: Unable to load native-hadoop
p library for your platform... using builtin-java classes where applicable
Found 4 items
-rw-r--r-- 1 hadoop supergroup 888190 2022-06-28 01:12 /inputt/1901
-rw-r--r-- 1 hadoop supergroup 15 2022-06-20 16:51 /inputt/a.txt
-rw-r--r-- 1 hadoop supergroup 38 2022-06-27 22:01 /inputt/b.txt
drwxr-xr-x - hadoop supergroup 0 2022-06-20 16:52 /inputt/output
```

```

hadoop@sharat-VirtualBox:~$ hadoop jar weathertwo.jar temp.AverageDriver /inputt
/1901 /inputt/outputweather
2022-06-28 01:21:32,366 WARN util.NativeCodeLoader: Unable to load native-hadoc
p library for your platform... using builtin-java classes where applicable
2022-06-28 01:21:33,696 INFO client.RMProxy: Connecting to ResourceManager at /
127.0.0.1:8032
2022-06-28 01:21:34,100 WARN mapreduce.JobResourceUploader: Hadoop command-line
option parsing not performed. Implement the Tool interface and execute your ap
plication with ToolRunner to remedy this.
2022-06-28 01:21:34,131 INFO mapreduce.JobResourceUploader: Disabling Erasure C
oding for path: /tmp/hadoop-yarn/staging/hadoop/.staging/job_1656358828291_0001
2022-06-28 01:21:35,309 INFO input.FileInputFormat: Total input files to proces
s : 1
2022-06-28 01:21:35,410 INFO mapreduce.JobSubmitter: number of splits:1
2022-06-28 01:21:35,589 INFO mapreduce.JobSubmitter: Submitting tokens for job:
job_1656358828291_0001
2022-06-28 01:21:35,590 INFO mapreduce.JobSubmitter: Executing with tokens: []
2022-06-28 01:21:36,346 INFO conf.Configuration: resource-types.xml not found
2022-06-28 01:21:36,346 INFO resource.ResourceUtils: Unable to find 'resource-t
ypes.xml'.
2022-06-28 01:21:37,378 INFO impl.YarnClientImpl: Submitted application applica
tion_1656358828291_0001
2022-06-28 01:21:38,336 INFO mapreduce.Job: The url to track the job: http://sh
arat-VirtualBox:8088/proxy/application_1656358828291_0001/
2022-06-28 01:21:38,338 INFO mapreduce.Job: Running job: job_1656358828291_0001
2022-06-28 01:21:48,759 INFO mapreduce.Job: Job job_1656358828291_0001 running
in uber mode : false
2022-06-28 01:21:48.760 INFO mapreduce.Job: map 0% reduce 0%

```

```

Reduce input groups=1
Reduce shuffle bytes=72210
Reduce input records=6564
Reduce output records=1
Spilled Records=13128
Shuffled Maps =1
Failed Shuffles=0
Merged Map outputs=1
GC time elapsed (ms)=754
CPU time spent (ms)=1840
Physical memory (bytes) snapshot=645009408
Virtual memory (bytes) snapshot=5166370816
Total committed heap usage (bytes)=658505728
Peak Map Physical memory (bytes)=450666496
Peak Map Virtual memory (bytes)=2579943424
Peak Reduce Physical memory (bytes)=194342912
Peak Reduce Virtual memory (bytes)=2586427392
Shuffle Errors
BAD_ID=0
CONNECTION=0
IO_ERROR=0
WRONG_LENGTH=0
WRONG_MAP=0
WRONG_REDUCE=0
File Input Format Counters
Bytes Read=888190
File Output Format Counters
Bytes Written=8

```

```
Bytes Written=8
hadoop@sharat-VirtualBox:~$ hdfs dfs -ls /input/outputweather
2022-06-28 01:22:16,506 WARN util.NativeCodeLoader: Unable to load native-hadoop
p library for your platform... using builtin-java classes where applicable
Found 2 items
-rw-r--r--  1 hadoop supergroup          0 2022-06-28 01:21 /input/outputweath
er/_SUCCESS
-rw-r--r--  1 hadoop supergroup          8 2022-06-28 01:21 /input/outputweath
er/part-r-00000
```

```
hadoop@sharat-VirtualBox:~$ hdfs dfs -cat /input/outputweather/part-r-00000
2022-06-28 01:23:07,585 WARN util.NativeCodeLoader: Unable to load native-hadoo
p library for your platform... using builtin-java classes where applicable
1901    46
```