WEEK 7 BDA LAB
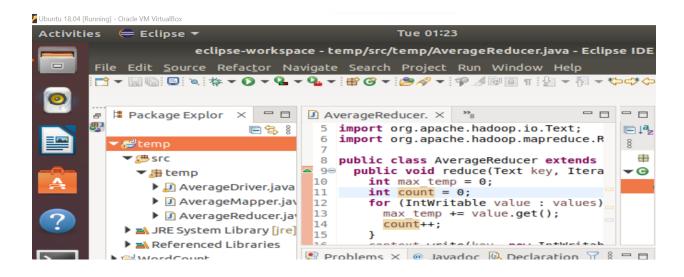**USN:1BM19CS074**
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MapReduce on weather dataset program.

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

```
hdoop@sharat-VirtualBox:~$ hdfs dfs -cat /inputt/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
```