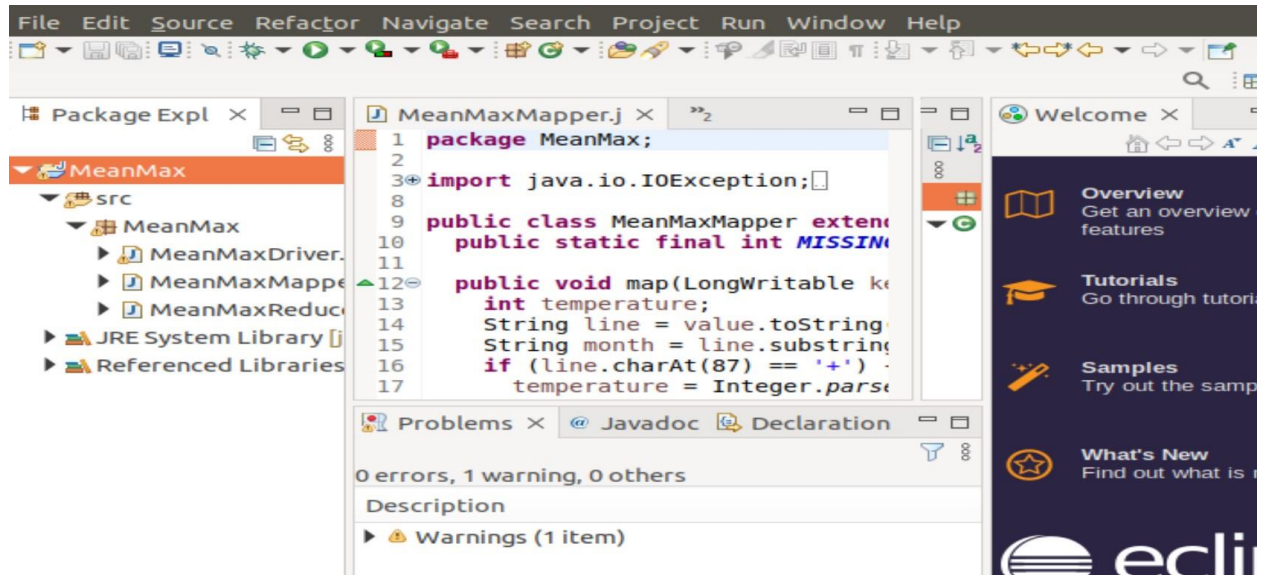


**WEEK 7 BDA LAB**  
**USN:1BM19CS109**  
**NAME: P PREM SAI**

MapReduce program to find the mean max temperature for every month



```
hadoop@sharat-VirtualBox:~$ hadoop jar MeanMaxweather2.jar MeanMax.MeanMaxDriver
/inputt/1901 /inputt/outputmeanmax
2022-06-28 02:35:15,863 WARN util.NativeCodeLoader: Unable to load native-hadoop
p library for your platform... using builtin-java classes where applicable
2022-06-28 02:35:16,403 INFO client.RMPProxy: Connecting to ResourceManager at /
127.0.0.1:8032
2022-06-28 02:35:16,741 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 02:35:16,774 INFO mapreduce.JobResourceUploader: Disabling Erasure C
oding for path: /tmp/hadoop-yarn/staging/hadoop/.staging/job_1656363425892_0001
2022-06-28 02:35:17,464 INFO input.FileInputFormat: Total input files to proces
s : 1
2022-06-28 02:35:17,959 INFO mapreduce.JobSubmitter: number of splits:1
2022-06-28 02:35:18,176 INFO mapreduce.JobSubmitter: Submitting tokens for job:
job_1656363425892_0001
2022-06-28 02:35:18,177 INFO mapreduce.JobSubmitter: Executing with tokens: []
2022-06-28 02:35:18,417 INFO conf.Configuration: resource-types.xml not found
2022-06-28 02:35:18,418 INFO resource.ResourceUtils: Unable to find 'resource-t
ypes.xml'.
2022-06-28 02:35:18,932 INFO impl.YarnClientImpl: Submitted application applica
tion 1656363425892_0001
```

```

Reduce input groups=12
Reduce shuffle bytes=59082
Reduce input records=6564
Reduce output records=12
Spilled Records=13128
Shuffled Maps =1
Failed Shuffles=0
Merged Map outputs=1
GC time elapsed (ms)=527
CPU time spent (ms)=2180
Physical memory (bytes) snapshot=648343552
Virtual memory (bytes) snapshot=5166202880
Total committed heap usage (bytes)=667942912
Peak Map Physical memory (bytes)=453812224
Peak Map Virtual memory (bytes)=2579943424
Peak Reduce Physical memory (bytes)=194531328
Peak Reduce Virtual memory (bytes)=2586259456

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=74

```

```

hadoop@sharat-VirtualBox:~$ hdfs dfs -ls /input/outputmeanmax
2022-06-28 02:36:40,638 WARN util.NativeCodeLoader: Unable to load
p library for your platform... using builtin-java classes where applicable
Found 2 items
-rw-r--r-- 1 hadoop supergroup 0 2022-06-28 02:35 /input/outputmeanmax/_SUCCESS
-rw-r--r-- 1 hadoop supergroup 74 2022-06-28 02:35 /input/outputmeanmax/part-r-000000
hadoop@sharat-VirtualBox:~$ hdfs dfs -cat /input/outputmeanmax/part-r-000000
2022-06-28 02:36:57,109 WARN util.NativeCodeLoader: Unable to load
p library for your platform... using builtin-java classes where applicable
01      4
02      0
03      7
04     44
05    100
06    168
07    219
08    198
09    141
10    100
11     19
12      3

```