

**Problem Statement:**

Execute WordMedian , WordMean , WordStandardDeviation programs using hadoop-mapreduce-examples-2.9.0.jar file present in your AcadGild VM.

**Solution:****a)Execute WordMedian**

Explanation: First changed Directory to mapreduce where jar hadoop-mapreduce-examples-2.9.0.jar is stored.

```
cd /home/acadgild/install/hadoop/hadoop-2.9.0/share/hadoop/mapreduce/
```

Explanation: Executed wordmedian program using following command.

```
hadoop jar hadoop-mapreduce-examples-2.9.0.jar wordmedian /user/hadoopdata/hdfs/wc.txt /user/hadoopdata/hdfs/out_wMED
```

**b) Explanation: Executed WordMean program using following command.**

```
hadoop jar hadoop-mapreduce-examples-2.9.0.jar wordmean /user/hadoopdata/hdfs/wc.txt /user/hadoopdata/hdfs/out_wMEAN
```

**c) Explanation: Executed WordStandardDeviation program using following command.**

```
hadoop jar hadoop-mapreduce-examples-2.9.0.jar wordstandarddeviation /user/hadoopdata/hdfs/wc.txt /user/hadoopdata/hdfs/out_WSTAND
```