# 4. Problem Statement

# Task 1:

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

Refer path below.

/home/acadgild/install/hadoop/hadoop-2.6.5/share/hadoop/mapreduce

# WordMedian

Uploaded words.txt to hdfs /user/acadgild/words.

```
[acadg] id@localhost mapreduce]§ Is hadoop-mapreduce-client-hs-2.6.5.jar hadoop-mapreduce-client-app-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5.jar sources spp-2.5.jar hadoop-mapreduce-client-spp-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5.jar sources spp-2.5.jar hadoop-mapreduce-client-spp-2.6.5.jar hadoop-mapreduce-client-spp-2.6.5
```

Then Executed command to median words from the list

```
The probability and probability of the probability
```

Results:

#### WordMean

```
| Additional components | Additional components | Additional | Additio
```

# Results

```
[acadgild@localhost mapreduce]$ hadoop fs -cat /user/acadgild/wordmeanout.txt/part-r-00000
18/09/21 02:53:24 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
count 466544
length 4396422
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost mapreduce]$ |
```

# WordStandardDeviation

```
| International content | International | Inte
```

### **Results**

```
[acadgild@localhost mapreduce]$ hadoop fs -cat /user/acadgild/wordsdout.txt/part-r-00000
18/09/21 02:57:19 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
count 466544
length 4396422
square 45766716
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost mapreduce]$ |
```