Task

Wordmedian

Command to execute jar

```
[acadgild@localhost mapreduce]$ hadoop jar hadoop-mapreduce-examples-2.6.5.jar wordmedian /user/acadgild/hadoop/wordcount.txt
 /home/acadgild/Output/wordmedian
18/04/19 22:50:24 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
18/04/19 22:50:28 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032
18/04/19 22:50:32 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool in
terface and execute your application with ToolRunner to remedy this.
18/04/19 22:50:33 INFO input.FileInputFormat: Total input paths to process : 1
18/04/19 22:50:34 INFO mapreduce.JobSubmitter: number of splits:1
18/04/19 22:50:35 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1524046779098_0004
18/04/19 22:50:36 INFO impl.YarnClientImpl: Submitted application application_1524046779098_0004
18/04/19 22:50:37 INFO mapreduce.Job: The url to track the job: http://localhost:8088/proxy/application_1524046779098_0004/
18/04/19 22:50:37 INFO mapreduce.Job: Running job: job_1524046779098_0004
18/04/19 22:51:08 INFO mapreduce.Job: Job job_1524046779098_0004 running in uber mode : false
18/04/19 22:51:08 INFO mapreduce.Job:  map 0% reduce 0%
18/04/19 22:51:34 INFO mapreduce.Job:  map 100% reduce 0%
18/04/19 22:51:59 INFO mapreduce.Job:  map 100% reduce 100%
18/04/19 22:52:00 INFO mapreduce.Job: Job job_1524046779098_0004 completed successfully
18/04/19 22:52:01 INFO mapreduce.Job: Counters: 49
        File System Counters
                FILE: Number of bytes read=56
```

List output Dir

```
[acadgild@localhost mapreduce]$ hadoop fs -ls /home/acadgild/Output/wordmedian
18/04/19 22:59:28 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 2 items
-rw-r--r--   1 acadgild supergroup          0 2018-04-19 22:51 /home/acadgild/Output/wordmedian/_SUCCESS
-rw-r--r--   1 acadgild supergroup         20 2018-04-19 22:51 /home/acadgild/Output/wordmedian/part-r-00000
```

Open Output

```
[acadgild@localhost mapreduce]$ hadoop fs -cat /home/acadgild/Output/wordmedian/part-r-00000
18/04/19 23:00:03 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
2       4
3       5
4       3
```

Wordmean

```
[acadgild@localhost mapreduce]$ hadoop jar hadoop-mapreduce-examples-2.6.5.jar wordmean /user/acadgild/hadoop/wordcount.txt /
home/acadgild/Output/wordmean
18/04/19 23:04:05 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
18/04/19 23:04:11 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032
18/04/19 23:04:19 INFO input.FileInputFormat: Total input paths to process : 1
18/04/19 23:04:19 INFO mapreduce.JobSubmitter: number of splits:1
18/04/19 23:04:20 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1524046779098_0005
18/04/19 23:04:22 INFO impl.YarnClientImpl: Submitted application application_1524046779098_0005
18/04/19 23:04:23 INFO mapreduce.Job: The url to track the job: http://localhost:8088/proxy/application_1524046779098_0005/
18/04/19 23:04:23 INFO mapreduce.Job: Running job: job_1524046779098_0005
18/04/19 23:04:59 INFO mapreduce.Job: Job job_1524046779098_0005 running in uber mode : false
18/04/19 23:04:59 INFO mapreduce.Job:  map 0% reduce 0%
18/04/19 23:05:23 INFO mapreduce.Job:  map 100% reduce 0%
18/04/19 23:05:46 INFO mapreduce.Job:  map 100% reduce 100%
18/04/19 23:05:47 INFO mapreduce.Job: Job job_1524046779098_0005 completed successfully
18/04/19 23:05:49 INFO mapreduce.Job: Counters: 49
        File System Counters
                FILE: Number of bytes read=39
                FILE: Number of bytes written=215477
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=189
                HDFS: Number of bytes written=19
                HDFS: Number of read operations=6
                HDFS: Number of large read operations=0
```

List output Dir and Open output

```
[acadgild@localhost mapreduce]$ hadoop fs -ls /home/acadgild/Output/wordmean
18/04/19 23:08:54 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 2 items
-rw-r--r--   1 acadgild supergroup          0 2018-04-19 23:05 /home/acadgild/Output/wordmean/_SUCCESS
-rw-r--r--   1 acadgild supergroup         19 2018-04-19 23:05 /home/acadgild/Output/wordmean/part-r-00000
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost mapreduce]$ hadoop fs -cat /home/acadgild/Output/wordmean/part-r-00000
18/04/19 23:09:42 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
count   15
length  53
```