

```

cstaaben@cscd-doop01:~/cscd467/hw/hw6$ hadoop com.sun.tools.javac.Main WordCount.java
Note: WordCount.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
cstaaben@cscd-doop01:~/cscd467/hw/hw6$ jar cf wc.jar WordCount*.class
cstaaben@cscd-doop01:~/cscd467/hw/hw6$ hadoop fs -rmr /user/cstaaben/wc/output
rmr: DEPRECATED: Please use 'rm -r' instead.
17/03/03 13:33:27 INFO fs.TrashPolicyDefault: Namenode trash configuration: Deletion interval = 0 minutes
r interval = 0 minutes.
Deleted /user/cstaaben/wc/output

```

Figure 1 - Compiles successfully

```

17/03/03 14:33:06 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1488496887685_0141
17/03/03 14:33:06 INFO impl.YarnClientImpl: Submitted application application_1488496887685_0141
17/03/03 14:33:06 INFO mapreduce.Job: The url to track the job: http://cscd-doop01:8088/proxy/application_1488496887685_0141/
17/03/03 14:33:06 INFO mapreduce.Job: Running job: job_1488496887685_0141
17/03/03 14:33:12 INFO mapreduce.Job: Job job_1488496887685_0141 running in uber mode : false
17/03/03 14:33:12 INFO mapreduce.Job: map 0% reduce 0%
17/03/03 14:33:18 INFO mapreduce.Job: map 100% reduce 0%
17/03/03 14:33:24 INFO mapreduce.Job: map 100% reduce 100%
17/03/03 14:33:24 INFO mapreduce.Job: Job job_1488496887685_0141 completed successfully
17/03/03 14:33:25 INFO mapreduce.Job: Counters: 50
  File System Counters
    FILE: Number of bytes read=195
    FILE: Number of bytes written=347312
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=339
    HDFS: Number of bytes written=183
    HDFS: Number of read operations=9
    HDFS: Number of large read operations=0
    HDFS: Number of write operations=2
  Job Counters
    Launched map tasks=2
    Launched reduce tasks=1
    Data-local map tasks=1
    Rack-local map tasks=1
    Total time spent by all maps in occupied slots (ms)=6630
    Total time spent by all reduces in occupied slots (ms)=3356
    Total time spent by all map tasks (ms)=6630
    Total time spent by all reduce tasks (ms)=3356
    Total vcore-seconds taken by all map tasks=6630
    Total vcore-seconds taken by all reduce tasks=3356
    Total megabyte-seconds taken by all map tasks=6789120
    Total megabyte-seconds taken by all reduce tasks=3436544
  Map-Reduce Framework
    Map input records=7
    Map output records=3
    Map output bytes=183
    Map output materialized bytes=201
    Input split bytes=234
    Combine input records=3
    Combine output records=3
    Reduce input groups=2
    Reduce shuffle bytes=201
    Reduce input records=3
    Reduce output records=3
    Spilled Records=6
    Shuffled Maps =2
    Failed Shuffles=0
    Merged Map outputs=2
    GC time elapsed (ms)=115
    CPU time spent (ms)=2360
    Physical memory (bytes) snapshot=758910976
    Virtual memory (bytes) snapshot=2519019520
    Total committed heap usage (bytes)=524812288
  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=105
  File Output Format Counters
    Bytes Written=183

```

Figure 2 - Runs successfully

```

cstaaben@cscd-doop01:~/cscd467/hw/hw6$ hadoop fs -ls /user/cstaaben/wc/output
Found 2 items
-rw-r--r--  3 cstaaben supergroup          0 2017-03-03 14:29 /user/cstaaben/wc/output/_SUCCESS
-rw-r--r--  3 cstaaben supergroup       120 2017-03-03 14:29 /user/cstaaben/wc/output/part-r-00000
cstaaben@cscd-doop01:~/cscd467/hw/hw6$ hadoop fs -cat /user/cstaaben/wc/output/part-r-00000
luck hdfs://cscd-doop01:9000/user/cstaaben/wc/input/file1      1
luck hdfs://cscd-doop01:9000/user/cstaaben/wc/input/file2      4
cstaaben@cscd-doop01:~/cscd467/hw/hw6$

```

Figure 3 - Search for "luck" output

```

cstaaben@cscd-doop01:~/cscd467/hw/hw6$ hadoop fs -cat /user/cstaaben/wc/output/world/part-r-00000
world hdfs://cscd-doop01:9000/user/cstaaben/wc/input/file1      2
world hdfs://cscd-doop01:9000/user/cstaaben/wc/input/file2      4
world hdfs://cscd-doop01:9000/user/cstaaben/wc/input/file2      3
cstaaben@cscd-doop01:~/cscd467/hw/hw6$

```

Figure 4 - Search for "world" output