

## ASSIGNMENT

```
C:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -mkdir /assignment2
```

```
C:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -put E:\Desktop\input.txt  
\assignment2
```

```
C:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -cat \assignment2\input.txt
```

deer bear river

car car river

deer car bear

```
C:\hadoop_new\share\hadoop\mapreduce>hadoop jar E:\Desktop\wordcount.jar
```

```
wordcount.wordcount \assignment2 \assignmentoutput
```

```
2021-04-30 12:13:26,914 INFO client.RMProxy: Connecting to ResourceManager at  
/0.0.0.0:8032
```

```
2021-04-30 12:13:29,712 WARN mapreduce.JobResourceUploader: Hadoop  
command-line option parsing not performed. Implement the Tool interface and execute  
your application with ToolRunner to remedy this.
```

```
2021-04-30 12:13:29,811 INFO mapreduce.JobResourceUploader: Disabling Erasure  
Coding for path: /tmp/hadoop-yarn/staging/Admin/.staging/job_1619755966932_0002
```

```
2021-04-30 12:13:31,562 INFO input.FileInputFormat: Total input files to process : 1
```

```
2021-04-30 12:13:32,836 INFO mapreduce.JobSubmitter: number of splits:1
```

```
2021-04-30 12:13:33,215 INFO Configuration.deprecation:  
yarn.resourcemanager.system-metrics-publisher.enabled is deprecated. Instead, use  
yarn.system-metrics-publisher.enabled
```

```
2021-04-30 12:13:33,954 INFO mapreduce.JobSubmitter: Submitting tokens for job:  
job_1619755966932_0002
```

```
2021-04-30 12:13:33,957 INFO mapreduce.JobSubmitter: Executing with tokens: []
```

```
2021-04-30 12:13:34,505 INFO conf.Configuration: resource-types.xml not found
```

```
2021-04-30 12:13:34,508 INFO resource.ResourceUtils: Unable to find  
'resource-types.xml'.
```

```
2021-04-30 12:13:35,086 INFO impl.YarnClientImpl: Submitted application  
application_1619755966932_0002
```

```
2021-04-30 12:13:35,316 INFO mapreduce.Job: The url to track the job:  
http://DESKTOP-CK14PFH:8088/proxy/application\_1619755966932\_0002/
```

```
2021-04-30 12:13:35,319 INFO mapreduce.Job: Running job:  
job_1619755966932_0002
```

```
2021-04-30 12:14:00,862 INFO mapreduce.Job: Job job_1619755966932_0002  
running in uber mode : false
```

```
2021-04-30 12:14:00,905 INFO mapreduce.Job: map 0% reduce 0%
```

2021-04-30 12:14:15,509 INFO mapreduce.Job: map 100% reduce 0%  
2021-04-30 12:14:44,170 INFO mapreduce.Job: map 100% reduce 100%  
2021-04-30 12:14:51,314 INFO mapreduce.Job: Job job\_1619755966932\_0002  
completed successfully  
2021-04-30 12:14:51,597 INFO mapreduce.Job: Counters: 53

#### File System Counters

FILE: Number of bytes read=50  
FILE: Number of bytes written=427295  
FILE: Number of read operations=0  
FILE: Number of large read operations=0  
FILE: Number of write operations=0  
HDFS: Number of bytes read=153  
HDFS: Number of bytes written=28  
HDFS: Number of read operations=8  
HDFS: Number of large read operations=0  
HDFS: Number of write operations=2

#### Job Counters

Launched map tasks=1  
Launched reduce tasks=1  
Data-local map tasks=1  
Total time spent by all maps in occupied slots (ms)=11203  
Total time spent by all reduces in occupied slots (ms)=25181  
Total time spent by all map tasks (ms)=11203  
Total time spent by all reduce tasks (ms)=25181  
Total vcore-milliseconds taken by all map tasks=11203  
Total vcore-milliseconds taken by all reduce tasks=25181  
Total megabyte-milliseconds taken by all map tasks=11471872  
Total megabyte-milliseconds taken by all reduce tasks=25785344

#### Map-Reduce Framework

Map input records=3  
Map output records=9  
Map output bytes=80  
Map output materialized bytes=50  
Input split bytes=108  
Combine input records=9  
Combine output records=4  
Reduce input groups=4  
Reduce shuffle bytes=50  
Reduce input records=4  
Reduce output records=4

Spilled Records=8  
Shuffled Maps =1  
Failed Shuffles=0  
Merged Map outputs=1  
GC time elapsed (ms)=176  
CPU time spent (ms)=5107  
Physical memory (bytes) snapshot=557039616  
Virtual memory (bytes) snapshot=734797824  
Total committed heap usage (bytes)=285736960  
Peak Map Physical memory (bytes)=352800768  
Peak Map Virtual memory (bytes)=465223680  
Peak Reduce Physical memory (bytes)=204238848  
Peak Reduce Virtual memory (bytes)=269574144  
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=45  
File Output Format Counters  
Bytes Written=28

```
C:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -ls \assignmentoutput
Found 2 items
```

```
-rw-r--r--  1 Admin supergroup      0 2021-04-30 12:14
/assignmentoutput/_SUCCESS
-rw-r--r--  1 Admin supergroup    28 2021-04-30 12:14
/assignmentoutput/part-r-00000
```

```
C:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -cat \assignmentoutput\part-r-00000
bear  2
car   3
deer  2
river 2
```