

TEMPERATURE MAX

```
c:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -mkdir /tempMax
```

```
c:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -put E:\Desktop\temp1.txt \tempMax
```

```
c:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -put E:\Desktop\temp2.txt \tempMax
```

```
c:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -cat \tempMax\temp1.txt
```

```
0067011990999991950051507004+68750+023550FM-12+038299999V0203301N0067  
1220001CN9999999N9+00001+99999999999
```

```
0043011990999991950051512004+68750+023550FM-12+038299999V0203201N0067  
1220001CN9999999N9+00221+99999999999
```

```
0043011990999991950051518004+68750+023550FM-12+038299999V0203201N0026  
1220001CN9999999N9-00111+99999999999
```

```
0043012650999991949032412004+62300+010750FM-12+048599999V0202701N0046  
1220001CN0500001N9+01111+99999999999
```

```
0043012650999991949032418004+62300+010750FM-12+048599999V0202701N0046  
1220001CN0500001N9+00781+99999999999
```

```
c:\hadoop_new\share\hadoop\mapreduce>hadoop jar E:\Desktop\temperatureMax.jar  
temperatureMax.TempDriver \tempMax \tempMaxOutput
```

```
2021-05-10 15:19:31,366 INFO client.RMProxy: Connecting to ResourceManager at  
/0.0.0.0:8032
```

```
2021-05-10 15:19:33,482 WARN mapreduce.JobResourceUploader: Hadoop  
command-line option parsing not performed. Implement the Tool interface and execute  
your application with ToolRunner to remedy this.
```

```
2021-05-10 15:19:33,591 INFO mapreduce.JobResourceUploader: Disabling Erasure  
Coding for path: /tmp/hadoop-yarn/staging/Admin/.staging/job_1620636818881_0003
```

```
2021-05-10 15:19:34,660 INFO input.FileInputFormat: Total input files to process : 2
```

```
2021-05-10 15:19:35,250 INFO mapreduce.JobSubmitter: number of splits:2
```

```
2021-05-10 15:19:35,729 INFO Configuration.deprecation:
```

```
yarn.resourcemanager.system-metrics-publisher.enabled is deprecated. Instead, use  
yarn.system-metrics-publisher.enabled
```

```
2021-05-10 15:19:36,334 INFO mapreduce.JobSubmitter: Submitting tokens for job:  
job_1620636818881_0003
```

```
2021-05-10 15:19:36,337 INFO mapreduce.JobSubmitter: Executing with tokens: []
```

```
2021-05-10 15:19:36,859 INFO conf.Configuration: resource-types.xml not found
```

```
2021-05-10 15:19:36,863 INFO resource.ResourceUtils: Unable to find  
'resource-types.xml'.
```

2021-05-10 15:19:37,153 INFO impl.YarnClientImpl: Submitted application
application_1620636818881_0003
2021-05-10 15:19:37,287 INFO mapreduce.Job: The url to track the job:
http://DESKTOP-CK14PFH:8088/proxy/application_1620636818881_0003/
2021-05-10 15:19:37,290 INFO mapreduce.Job: Running job:
job_1620636818881_0003
2021-05-10 15:20:03,295 INFO mapreduce.Job: Job job_1620636818881_0003
running in uber mode : false
2021-05-10 15:20:03,327 INFO mapreduce.Job: map 0% reduce 0%
2021-05-10 15:20:26,140 INFO mapreduce.Job: map 100% reduce 0%
2021-05-10 15:20:55,633 INFO mapreduce.Job: map 100% reduce 100%
2021-05-10 15:21:02,752 INFO mapreduce.Job: Job job_1620636818881_0003
completed successfully
2021-05-10 15:21:03,029 INFO mapreduce.Job: Counters: 53

File System Counters

FILE: Number of bytes read=59127
FILE: Number of bytes written=758459
FILE: Number of read operations=0
FILE: Number of large read operations=0
FILE: Number of write operations=0
HDFS: Number of bytes read=895496
HDFS: Number of bytes written=81
HDFS: Number of read operations=11
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=2
Total time spent by all maps in occupied slots (ms)=40099
Total time spent by all reduces in occupied slots (ms)=26572
Total time spent by all map tasks (ms)=40099
Total time spent by all reduce tasks (ms)=26572
Total vcore-milliseconds taken by all map tasks=40099
Total vcore-milliseconds taken by all reduce tasks=26572
Total megabyte-milliseconds taken by all map tasks=41061376
Total megabyte-milliseconds taken by all reduce tasks=27209728

Map-Reduce Framework

Map input records=6570
Map output records=6569

Map output bytes=45983
Map output materialized bytes=59133
Input split bytes=208
Combine input records=0
Combine output records=0
Reduce input groups=12
Reduce shuffle bytes=59133
Reduce input records=6569
Reduce output records=12
Spilled Records=13138
Shuffled Maps =2
Failed Shuffles=0
Merged Map outputs=2
GC time elapsed (ms)=368
CPU time spent (ms)=14277
Physical memory (bytes) snapshot=654815232
Virtual memory (bytes) snapshot=1096699904
Total committed heap usage (bytes)=554696704
Peak Map Physical memory (bytes)=245723136
Peak Map Virtual memory (bytes)=432418816
Peak Reduce Physical memory (bytes)=186056704
Peak Reduce Virtual memory (bytes)=232816640
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=895288
File Output Format Counters
Bytes Written=81

```
c:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -ls \tempMaxOutput
```

Found 2 items

-rw-r--r--	1 Admin supergroup	0	2021-05-10 15:20	/tempMaxOutput/_SUCCESS
-rw-r--r--	1 Admin supergroup	81	2021-05-10 15:20	/tempMaxOutput/part-r-00000

```
c:\hadoop_new\share\hadoop\mapreduce>hdfs dfs -cat \tempMaxOutput\part-r-00000
```

01	44
02	17
03	111
04	194
05	256
06	278
07	317
08	283
09	211
10	156
11	89
12	117