ASSIGNMENT 11

```
Windows PowerShell                                                           ×   +   ∨                                                  —   □   ✕

Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\SKY_NET\Desktop\MAIN\GROUP_B\WORD_COUNT> hdfs dfs -mkdir input1516
PS C:\Users\SKY_NET\Desktop\MAIN\GROUP_B\WORD_COUNT> hdfs dfs -copyFromLocal TEXT.txt  input1516
PS C:\Users\SKY_NET\Desktop\MAIN\GROUP_B\WORD_COUNT> hadoop jar WordCount.jar com.mapreduce.wc.WordCount input1516 output1516
2023-05-10 12:08:59,253 INFO client.DefaultNoHARMFailoverProxyProvider: Connecting to ResourceManager at localhost/127.0.0.1:
8032
2023-05-10 12:08:59,880 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the T
ool interface and execute your application with ToolRunner to remedy this.
2023-05-10 12:08:59,896 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/SKY_N
ET/.staging/job_1683698547281_0002
2023-05-10 12:09:00,127 INFO input.FileInputFormat: Total input files to process : 1
2023-05-10 12:09:00,195 INFO mapreduce.JobSubmitter: number of splits:1
2023-05-10 12:09:00,330 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1683698547281_0002
2023-05-10 12:09:00,330 INFO mapreduce.JobSubmitter: Executing with tokens: []
2023-05-10 12:09:00,498 INFO conf.Configuration: resource-types.xml not found
2023-05-10 12:09:00,498 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
2023-05-10 12:09:00,572 INFO impl.YarnClientImpl: Submitted application application_1683698547281_0002
2023-05-10 12:09:00,611 INFO mapreduce.Job: The url to track the job: http://SKY-NET:8088/proxy/application_1683698547281_000
2/
2023-05-10 12:09:00,613 INFO mapreduce.Job: Running job: job_1683698547281_0002
2023-05-10 12:09:07,772 INFO mapreduce.Job: Job job_1683698547281_0002 running in uber mode : false
2023-05-10 12:09:07,773 INFO mapreduce.Job:  map 0% reduce 0%
2023-05-10 12:09:12,864 INFO mapreduce.Job:  map 100% reduce 0%
2023-05-10 12:09:18,931 INFO mapreduce.Job:  map 100% reduce 100%
2023-05-10 12:09:18,938 INFO mapreduce.Job: Job job_1683698547281_0002 completed successfully
2023-05-10 12:09:19,025 INFO mapreduce.Job: Counters: 50
        File System Counters
                FILE: Number of bytes read=84
                FILE: Number of bytes written=548425
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=208
                HDFS: Number of bytes written=50
                HDFS: Number of read operations=8
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=2
                HDFS: Number of bytes read erasure-coded=0
        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)=2933
                Total time spent by all reduces in occupied slots (ms)=2781
                Total time spent by all reduce tasks (ms)=2781
                Total vcore-milliseconds taken by all map tasks=2933
                Total vcore-milliseconds taken by all reduce tasks=2781
                Total megabyte-milliseconds taken by all map tasks=3003392
                Total megabyte-milliseconds taken by all reduce tasks=2847744
        Map-Reduce Framework
                Map input records=15
                Map output records=15
                Map output bytes=137
                Map output materialized bytes=84
                Input split bytes=118
                Combine input records=15
                Combine output records=7
                Reduce input groups=7
                Reduce shuffle bytes=84
                Reduce input records=7
                Reduce output records=7
                Spilled Records=14
                Shuffled Maps =1
                Failed Shuffles=0
                Merged Map outputs=1
                GC time elapsed (ms)=83
                CPU time spent (ms)=0
                Physical memory (bytes) snapshot=0
                Virtual memory (bytes) snapshot=0
                Total committed heap usage (bytes)=442499072
        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=90
        File Output Format Counters
                Bytes Written=50
PS C:\Users\SKY_NET\Desktop\MAIN\GROUP_B\WORD_COUNT> hadoop fs -cat output1516/*
AKTAR   1
IS      1
MY      3
NAME    2
SAHIL   6
SHAIKH  1
sahil   1
PS C:\Users\SKY_NET\Desktop\MAIN\GROUP_B\WORD_COUNT>
```
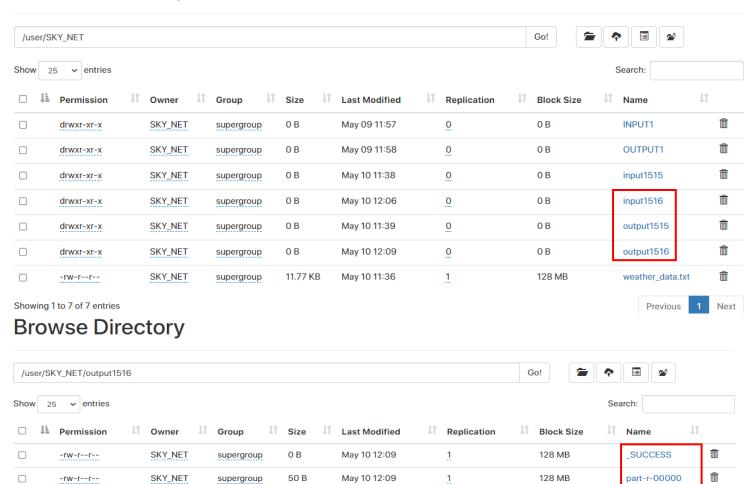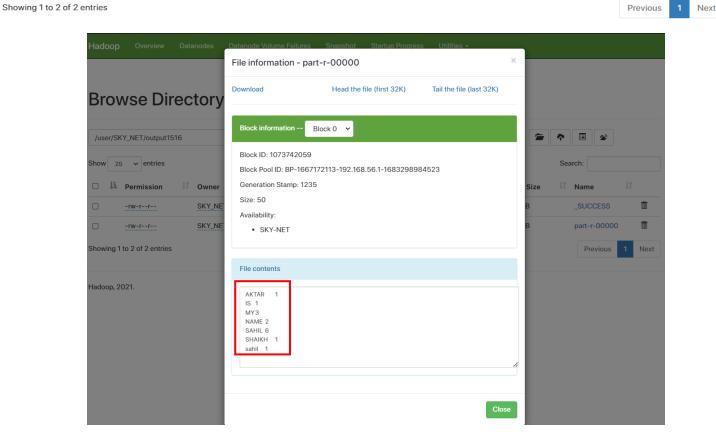
Hadoop   Overview   Datanodes   Datanode Volume Failures   Snapshot   Startup Progress   Utilities ▾

Browse Directory

/user/SKY_NET   [Go!]   📁 ☁ 📋 📂

Show [25 ▾] entries   Search: [_____]

	Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	
☐	drwxr-xr-x	SKY_NET	supergroup	0 B	May 09 11:57	0	0 B	INPUT1	🗑
☐	drwxr-xr-x	SKY_NET	supergroup	0 B	May 09 11:58	0	0 B	OUTPUT1	🗑
☐	drwxr-xr-x	SKY_NET	supergroup	0 B	May 10 11:38	0	0 B	input1515	🗑
☐	drwxr-xr-x	SKY_NET	supergroup	0 B	May 10 12:06	0	0 B	input1516	🗑
☐	drwxr-xr-x	SKY_NET	supergroup	0 B	May 10 11:39	0	0 B	output1515	🗑
☐	drwxr-xr-x	SKY_NET	supergroup	0 B	May 10 12:09	0	0 B	output1516	🗑
☐	-rw-r--r--	SKY_NET	supergroup	11.77 KB	May 10 11:36	1	128 MB	weather_data.txt	🗑

Showing 1 to 7 of 7 entries   [Previous] [1] [Next]

Browse Directory

/user/SKY_NET/output1516   [Go!]   📁 ☁ 📋 📂

Show [25 ▾] entries   Search: [_____]

	Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	
☐	-rw-r--r--	SKY_NET	supergroup	0 B	May 10 12:09	1	128 MB	_SUCCESS	🗑
☐	-rw-r--r--	SKY_NET	supergroup	50 B	May 10 12:09	1	128 MB	part-r-00000	🗑

Showing 1 to 2 of 2 entries   [Previous] [1] [Next]

File information - part-r-00000   ✕

Download   Head the file (first 32K)   Tail the file (last 32K)

Block information -- [Block 0 ▾]

Block ID: 1073742059
Block Pool ID: BP-1667172113-192.168.56.1-1683298984523
Generation Stamp: 1235
Size: 50
Availability:
- SKY-NET

File contents

```
AKTAR   1
IS  1
MY3
NAME 2
SAHIL 6
SHAIKH   1
sahil   1
```

[Close]

All Applications

- **Cluster**
  - About
  - Nodes
  - Node Labels
  - Applications
    - NEW
    - NEW_SAVING
    - SUBMITTED
    - ACCEPTED
    - RUNNING
    - FINISHED
    - FAILED
    - KILLED
  - Scheduler
- **Tools**

Cluster Metrics

Apps Submitted	Apps Pending	Apps Running	Apps Completed	Containers Running	Used Resources	T
2	0	0	2	0	<memory:0 B, vCores:0>	<memory:8 GB, v(

Cluster Nodes Metrics

Active Nodes	Decommissioning Nodes	Decommissioned Nodes	Lost Nodes
1	0	0	0

Scheduler Metrics

Scheduler Type	Scheduling Resource Type	Minimum Allocation	Maximum A
Capacity Scheduler	[memory-mb (unit=Mi), vcores]	<memory:1024, vCores:1>	<memory:8192, vCores:4>

Show 20 entries

ID	User	Name	Application Type	Application Tags	Queue	Application Priority	StartTime	LaunchTime	FinishTime	State	FinalStatus	Running Containers
application_1683698547281_0001	SKY_NET	Weather Job1	MAPREDUCE		default	0	Wed May 10 11:39:34 +0550 2023	Wed May 10 11:39:35 +0550 2023	Wed May 10 11:39:52 +0550 2023	FINISHED	SUCCEEDED	N/A
application_1683698547281_0002	SKY_NET	word count	MAPREDUCE		default	0	Wed May 10 12:09:00 +0550 2023	Wed May 10 12:09:01 +0550 2023	Wed May 10 12:09:17 +0550 2023	FINISHED	SUCCEEDED	N/A

Showing 1 to 2 of 2 entries