

**NAME** : SRINITHI B

**ROLL NO** : 19UITE036

**EX NO** : 10

**EX NAME** : MAPREDUCE

**DATE** : 14/10/22

```
Administrator: Windows PowerShell
CONNECTION=0
IO_ERROR=0
WRONG_LENGTH=0
WRONG_MAP=0
WRONG_REDUCE=0
File Input Format Counters
    Bytes Read=333
File Output Format Counters
    Bytes Written=387
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin> hadoop fs -cat /out2/*
19UITE036Cloud 1
Cloud 1
Internet, 1
SRINITHI- 1
among 1
an 1
and 2
back-up 1
businesses 1
computing 1
data 2
databases, 1
delivery 1
different 1
efficient 1
for 1
grown 1
has 1
including 1
increasingly 1
individuals 1
is 1
larger 1
need 1
networking, 1
of 1
off-site 1
popular 1
seeking 1
servers, 1
services 1
software, 1
solution. 1
space 1
storage 2
storage, 1
the 2
through 1
who 1
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin>
```

```
Administrator: Windows PowerShell
The general command line syntax is:
command [genericOptions] [commandOptions]

PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin> hdfs dfs -mkdir /user2
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin> hdfs dfs -put D:/Srinithi.txt /user2
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin> hdfs dfs -ls /user2
Found 1 items
-rw-r--r-- 1 19uite032 supergroup          333 2022-11-04 14:42 /user2/Srinithi.txt
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin> hdfs dfs -cat /user1/Srinithi.txt
cat: '/user1/Srinithi.txt': No such file or directory
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin> hdfs dfs -cat /user2/Srinithi.txt
SRINITHI: 19UIT036Cloud computing is the delivery of different services through the Internet, including data storage, servers, databases, networking, and software.
Cloud storage has grown increasingly popular among individuals who need larger storage space and for businesses seeking an efficient off-site data back-up solution.
PS D:\hadoop-env\hadoop-3.2.2\hadoop-3.2.2\sbin> hadoop jar D:/hadoop-env/hadoop-3.2.2/hadoop-3.2.2/share/hadoop/mapreduce/hadoop-mapreduce-examples-3.2.2.jar wordcount /user2 /out2
2022-11-04 14:44:31,377 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
2022-11-04 14:44:32,672 INFO input.FileInputFormat: Total input files to process : 1
2022-11-04 14:44:32,978 INFO mapreduce.JobSubmitter: number of splits:1
2022-11-04 14:44:33,302 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1667550281802_0003
2022-11-04 14:44:33,306 INFO mapreduce.JobSubmitter: Executing with tokens: []
2022-11-04 14:44:33,558 INFO conf.Configuration: resource-types.xml not found
2022-11-04 14:44:33,559 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
2022-11-04 14:44:33,658 INFO impl.YarnClientImpl: Submitted application application_1667550281802_0003
2022-11-04 14:44:33,717 INFO mapreduce.Job: The url to track the job: http://a4it64:8088/proxy/application_1667550281802_0003/
2022-11-04 14:44:33,719 INFO mapreduce.Job: Running job: job_1667550281802_0003
2022-11-04 14:44:48,095 INFO mapreduce.Job: Job job_1667550281802_0003 running in uber mode : false
2022-11-04 14:44:48,098 INFO mapreduce.Job:  map 0% reduce 0%
2022-11-04 14:44:55,261 INFO mapreduce.Job:  map 100% reduce 0%
2022-11-04 14:45:02,378 INFO mapreduce.Job:  map 100% reduce 100%
2022-11-04 14:45:07,478 INFO mapreduce.Job: Job job_1667550281802_0003 completed successfully
2022-11-04 14:45:07,668 INFO mapreduce.Job: Counters: 54
  File System Counters
    FILE: Number of bytes read=549
    FILE: Number of bytes written=472451
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=438
    HDFS: Number of bytes written=387
    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)=4126
    Total time spent by all reduces in occupied slots (ms)=4548
    Total time spent by all map tasks (ms)=4126
```