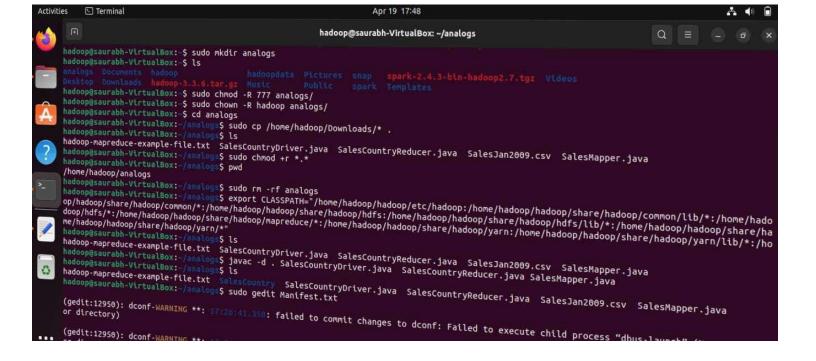
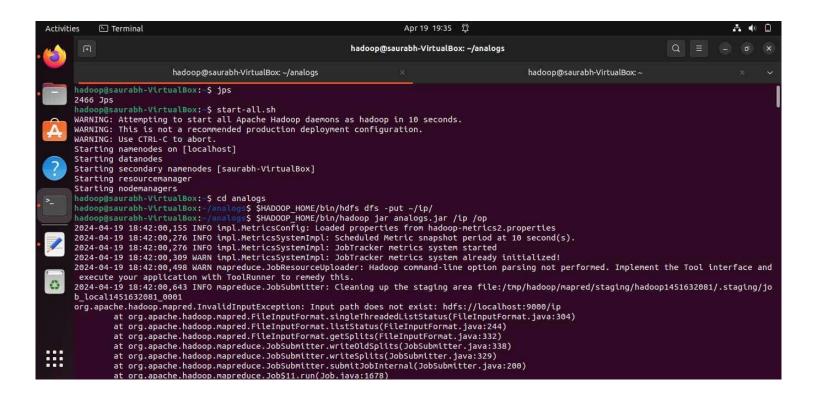
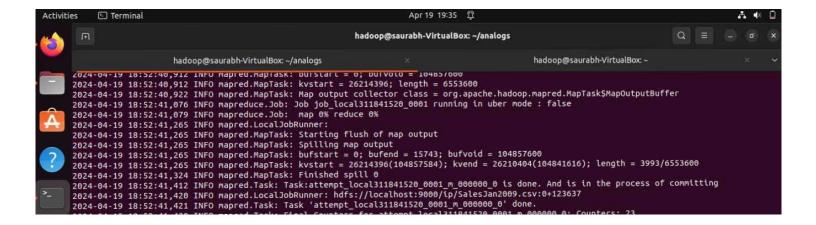
```
saurabh-VirtualBox:-S start-all.sh
      WARNING: Attempting to start all Apache Hadoop daemons as hadoop in 10 seconds. WARNING: This is not a recommended production deployment configuration. WARNING: Use CTRL-C to abort.
       Starting namenodes on [localhost]
      Starting datanodes
      Starting secondary namenodes [saurabh-VirtualBox] Starting resourcemanager
       Starting nodemanagers
       hadoop@saurabh-VirtualBox:-$ jps
      11808 NameNode
       11937 DataNode
       12150 SecondaryNameNode
      12472 NodeManager
      12813 Jps
       12351 ResourceManager
       hadoop@saurabh-VirtualBox:-$ cd /home/hadoop/hadoop/bin
      hadoop@saurabh-VirtualBox:~/hadoop/bin$ jps
      11808 NameNode
       11937 DataNode
      12835 Jps
12150 SecondaryNameNode
0
      12472 NodeManager
       12351 ResourceManager
       hadoop@saurabh-VirtualBox:-/hadoop/bin$ cd
      hadoop@saurabh-VirtualBox:-$ ls
hadoop@saurabh-VirtualBox:-$ ls
Desktop Downloads hadoop-3.3.6.tar.gz Music Public spark Templates
Pictures snap spark-2.4.3-bin-hadoop2.7.tgz Videos
      hadoop@saurabh-VirtualBox:-$ sudo mkdir analogs hadoop@saurabh-VirtualBox:-$ ls
```



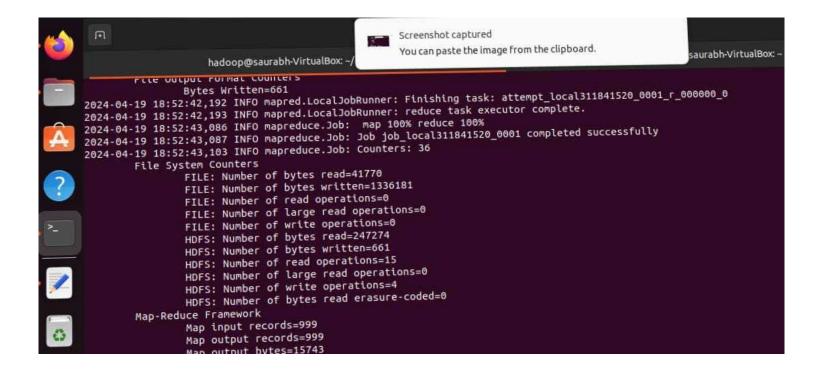


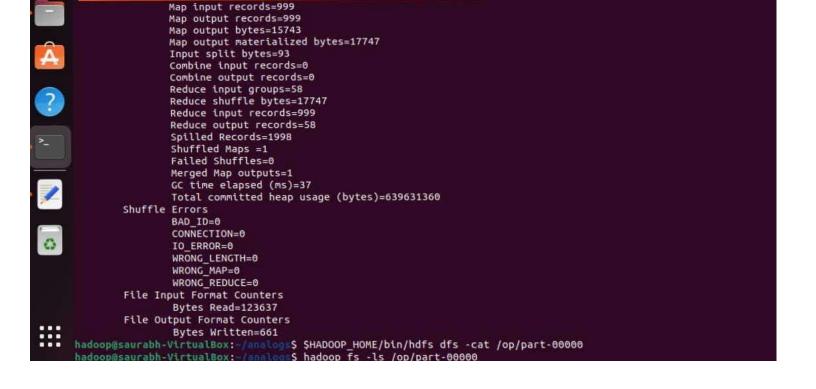


```
Map output records=999
Map output records=999
Map output pytes=15743
Map output materialized bytes=17747
Input split bytes=93
Combine input records=0
Spilled Records=999
Falled Shuffles=0
Merged Map outputs=0
GC time elapsed (ms)=37
Total committed heap usage (bytes)=319815680
File Input Format Counters
Bytes Read=123637

2024-04-19 18:52:41,431 INFO mapred.LocalJobRunner: Finishing task: attempt_local311841520_0001_m_000000_0
2024-04-19 18:52:41,431 INFO mapred.LocalJobRunner: wap task executor complete.
2024-04-19 18:52:41,446 INFO mapred.LocalJobRunner: Walting for reduce tasks
2024-04-19 18:52:41,459 INFO output.FileOutputCommitter: File Output Committer Algorithm version is 2
2024-04-19 18:52:41,459 INFO output.FileOutputCommitter: FileOutputCommitter skip cleanup _temporary folders under output directory:false, ign ore cleanup fallures: false
2024-04-19 18:52:41,459 INFO output.FileOutputCommitter: FileOutputCommitter skip cleanup _temporary folders under output directory:false, ign ore cleanup fallures: false
2024-04-19 18:52:41,459 INFO mapred.ReduceTask: Using ResourceCalculatorProcessTree: []
2024-04-19 18:52:41,459 INFO mapred.ReduceTask: Using ShuffleConsumerPlugin: org.apache.hadoop.mapreduce.task.reduce.Shuffle@73d5c0d2
2024-04-19 18:52:41,459 INFO mapred.ReduceTask: Using NesourceTalculatorProcessTree: []
```

```
@saurabh-VirtualBox: $ jps
11808 NameNode
11937 DataNode
12150 SecondaryNameNode
13320 Jps
12472 NodeManager
12351 ResourceManager
hadoop@saurabh-VirtualBox:-$ cd analogs
                                              ugs$ ls
: SalesCountryDriver.java SalesMapper.java
hadoop@saurabh-VirtualBox:
hadoop-mapreduce-example-file.txt
Manifest.txt
                                                 SalesCountryReducer.java
                                                 SalesJan2009.csv
hadoop@saurabh-VirtualBox:-/analogs$ jar -cfm analogs.jar Manifest.txt SalesCountry/*.txt SalesCountry/*.txt : no such file or directory hadoop@saurabh-VirtualBox:-/analogs$ jar -cfm analogs.jar Manifest.txt SalesCountry/*.java SalesCountry/*.java : no such file or directory
hadoop@saurabh-VirtualBox:-/analogs$ jar -cfm analogs.jar Manifest.txt SalesCountry/*.class
hadoop@saurabh-VirtualBox:-/analogs$ ls
                                                                                      SalesJan2009.csv
hadoop-mapreduce-example-file.txt SalesCountryDriver.java
                                                                                      SalesMapper.java
Manifest.txt SalesCountryReducer.java
hadoop@saurabh-VirtualBox:~/analogs$ sudo mkdir ~/ip
[sudo] password for hadoop:
```





Browse Directory



Browse Directory



Hadoop, 2023.