

Step 1: Create a new directory as MapReduceJoin

```
anagave@hadoop-nn001:~$ hdfs dfs -mkdir /user/anagave/MapReduceJoin
```

Step 2: Then I have created JoinDriver.java, JoinReducer.java, MarsMapper.java, NASAMapper.java, TextPair.java (Check Achyutha\_NagavetBhavaniSanthoshi\_Program\_3 for reference)

```
anagave@hadoop-nn001:~/MapReduceJoin$ ls
A.txt~      JoinReducer.java  MapReduceJoin.jar  NASAMapper.java~
B.txt~      JoinReducer.java~ MarsMapper.java     ReduceJoin.java
JoinDriver.java  Manifest.txt~    MarsMapper.java~   TextPair.java
JoinDriver.java~ MapReduceJoin    NASAMapper.java    TextPair.java~
```

Step 3: Use below command to compile the code

```
anagave@hadoop-nn001:~$ javac -d MapReduceJoin JoinDriver.java
```

Step 4: Use below command to Execute the code

```
anagave@hadoop-nn001:~$ hadoop jar MapReduceJoin.jar JoinDriver /user/anagave/NASA__data/FlumeData.1614482289530 /user/anagave/Mars__data/FlumeData.1614484835600 /user/anagave/output
```

Step 5: After successful execution MAP 100% and REDUCE 100%  
Check the output file use below command which displays joined values

```
anagave@hadoop-nn001:~$ hdfs dfs -cat /user/anagave/output/part*
```