

Aim:- Write a code in java for a simple word count application that counts the number of occurrence of each word in a given input set using the Hadoop map-reduce framework on local-stand alone set-up.

soln:-

step 1:- Open Eclipse > file > New > java project > (Give Name it \rightarrow MR program Demo) > finish.

step 2: Right click > New > package > finish

step 3: Right click on package > new > class

step 4:- Add following reference libraries.

steps: Type program.

Explanation:-

- The program consist of 3 classes:
- Driverclass
- Mapclass which extends public class Mapper < KEYIN, VALUEIN, KEYOUT, VALUEOUT > & implements the map functn.
- Reduce class which extends public class Reducer < KEYIN, VALUEIN, KEYOUT, VALUEOUT > & implements the reduce function.

step 6:- Make Jarfile.

- Right click on project > Export > select export destination as Jarfile > next > finish.

step 7: get a extfile & shift in HDFS.