```
WC_Mapper.java
package com.javatpoint;
       import java.io.IOException;
       import java.util.StringTokenizer;
       import org.apache.hadoop.io.IntWritable;
       import org.apache.hadoop.io.LongWritable;
       import org.apache.hadoop.io.Text;
       import org.apache.hadoop.mapred.MapReduceBase;
       import org.apache.hadoop.mapred.Mapper;
       import org.apache.hadoop.mapred.OutputCollector;
       import org.apache.hadoop.mapred.Reporter;
       public class WC_Mapper extends MapReduceBase implements
Mapper<LongWritable,Text,Text,IntWritable>{
       private final static IntWritable one = new IntWritable(1);
private Text word = new Text();
       public void map(LongWritable key, Text value,OutputCollector<Text,IntWritable>
output, Reporter reporter) throws IOException{
       String line = value.toString();
       StringTokenizer tokenizer = new StringTokenizer(line);
```

while (tokenizer.hasMoreTokens()){

}

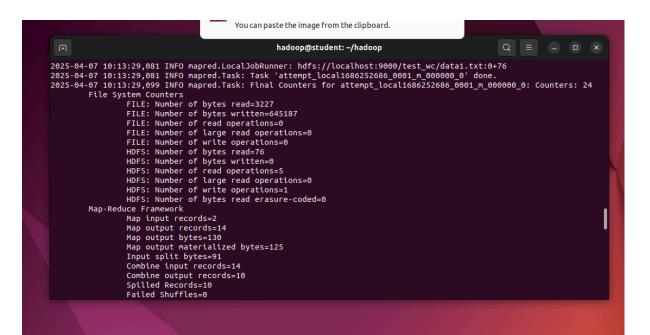
}

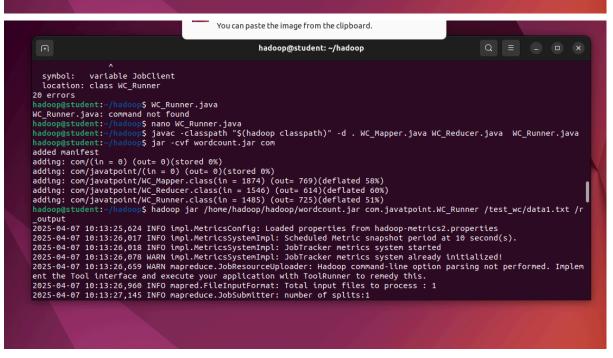
}

output.collect(word, one);

word.set(tokenizer.nextToken());

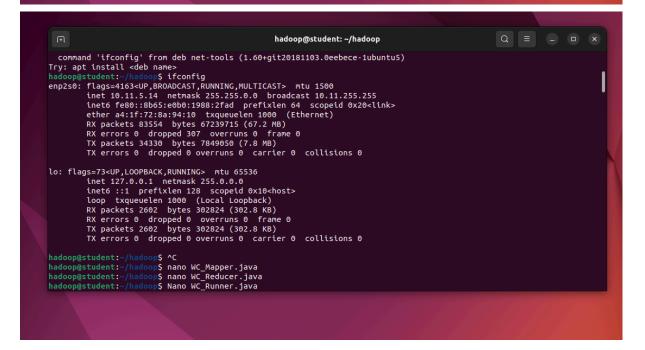
```
WC_Reducer.java
package com.javatpoint;
       import java.io.IOException;
       import java.util.Iterator;
       import org.apache.hadoop.io.IntWritable;
       import org.apache.hadoop.io.Text;
       import org.apache.hadoop.mapred.MapReduceBase;
       import org.apache.hadoop.mapred.OutputCollector;
       import org.apache.hadoop.mapred.Reducer;
       import org.apache.hadoop.mapred.Reporter;
       public class WC_Reducer extends MapReduceBase implements
Reducer<Text,IntWritable,Text,IntWritable> {
       public void reduce(Text key, Iterator<IntWritable>
values, Output Collector < Text, Int Writable > output, Reporter reporter) throws IOException {
       int sum=0;
       while (values.hasNext()) {
       sum+=values.next().get();
       }
       output.collect(key,new IntWritable(sum));
      }
      }
WC_Runner.java
       package com.javatpoint;
       import java.io.IOException;
       import org.apache.hadoop.fs.Path;
       import org.apache.hadoop.io.IntWritable;
       import org.apache.hadoop.io.Text;
       import org.apache.hadoop.mapred.FileInputFormat;
       import org.apache.hadoop.mapred.FileOutputFormat;
       import org.apache.hadoop.mapred.JobClient;
       import org.apache.hadoop.mapred.JobConf;
       import org.apache.hadoop.mapred.TextInputFormat;
       import org.apache.hadoop.mapred.TextOutputFormat;
       public class WC Runner {
       public static void main(String[] args) throws IOException{
       JobConf conf = new JobConf(WC Runner.class);
```

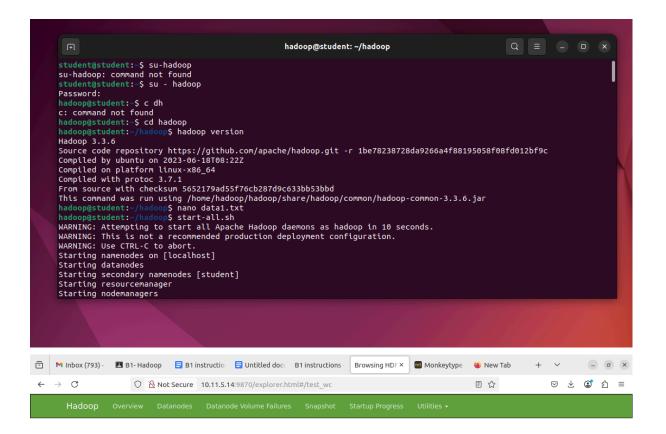




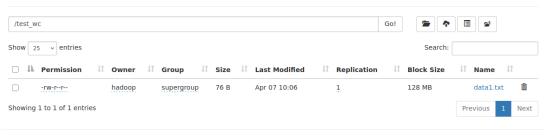
```
hadoop@student:-/hadoop

symbol: variable JobClient
location: class WC_Runner
20 errors
error: compilation failed
hadoop@student:-/hadoop$ java WC_Runner
Error: Could not find or load main class WC_Runner
Caused by: java.lang.classNotFoundException: WC_Runner
hadoop@student:-/hadoop$ WC_Runner.java
WC_Runner.java: command not found
hadoop@student:-/hadoop$ javac -classpath "$(hadoop classpath)" -d . WC_Mapper.java WC_Reducer.java
hadoop@student:-/hadoop$ javac -classpath "$(hadoop classpath)" -d . WC_Mapper.java WC_Reducer.java
hadoop@student:-/hadoop$ javac wC_R
Error: Class names, "WC_", are only accepted if annotation processing is explicitly requested
1 error
hadoop@student:-/hadoop$ javac WC_R
WC_Reducer.java WC_Runner.java
MC_Runner.java:5: error: package org.apache.hadoop.fs does not exist
import org.apache.hadoop, fs.Path;
WC_Runner.java:6: error: package org.apache.hadoop.io does not exist
import org.apache.hadoop.io.IntWritable;
```





## **Browse Directory**



Hadoop, 2023.