EXPERIMENT 3

```
package ullaas;
inport java.io.IOException;
import java.io.IOException;
import java.io.IOException;
import org.apache.hadoop.fs.Path;
import org.apache.hadoop.conf.*;
import org.apache.hadoop.conf.*;
import org.apache.hadoop.conf.*;
import org.apache.hadoop.uo.*;
import org.apache.hadoop.uo.io.*;
```

```
output.collect(key, new IntWritable(sum));
}

public static void main(String[] args) throws Exception {
    JobConf conf = new JobConf(WordCount.class);
    conf.setJobName("wordcount");

    conf.setOutputKeyClass(Text.class);
    conf.setOutputValueClass(IntWritable.class);

    conf.setMapperClass(Map.class);
    conf.setCombinerClass(Reduce.class);
    conf.setReducerClass(Reduce.class);
    conf.setReducerClass(Reduce.class);

    conf.setInputFormat(TextInputFormat.class);
    conf.setOutputFormat(TextInputFormat.class);

FileInputFormat.setInputPaths(conf, new Path(args[0]));
FileOutputFormat.setInputPath(conf, new Path(args[1]));

    JobClient.runJob(conf);
}
```

cd \$HADOOP_HOME cd sbin jps start-all.sh

```
hdoop@admin1-HP-280-G4-MT-Business-PC:~/Deshdoophdoop@admin1-HP-280-G4-MT-Business-PC:~/Desktop$
cd $HAD00P_HOME
hdoop@admin1-HP-280-G4-MT-Business-PC:~/hadoop-3.2.1$ cd sbin
hdoop@admin1-HP-280-G4-MT-Business-PC:~/hadoop-3.2.1/sbin$ jps
4051 org.eclipse.equinox.launcher_1.5.600.v20191014-2022.jar
4694 Jps
hdoop@admin1-HP-280-G4-MT-Business-PC:~/hadoop-3.2.1/sbin$ start-all.sh
WARNING: Attempting to start all Apache Hadoop daemons as hdoop 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 [admin1-HP-280-G4-MT-Business-PC]
Starting resourcemanager
Starting nodemanagers
```

hdfs dfs -mkdir -p ~ /input hdfs dfs -appendToFile - ~/input/txt.txt nmit nitte meenakshi nitte

```
hdoop@admin1-HP-280-G4-MT-Business-PC:~/hadoop-3.2.1/sbin$ hdfs dfs -mkdir -p ~ /input
hdoop@admin1-HP-280-G4-MT-Business-PC:~/hadoop-3.2.1/sbin$ hdfs dfs -appendToFile - ~/input/txt.txt
nmit
nitte meenakshi nitte
```

hadoop jar /home/hdoop/ullaas.jar ~/input ~/ullaas

hdfs dfs -cat ~/ullaas/part*

```
hdoop@admin1-HP-280-G4-MT-Business-PC:~/hadoop-3.2.1/sbin$ hdfs dfs -cat ~/ullaas/part*
2022-06-18 12:35:03,618 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false
meenakshi 1
nitte 2
nmit 1
```