## **Practical 2: Map-Reduce Program for WordCount Problem**

## Commands:

```
[cloudera@quickstart ~]$ hdfs dfs -ls /
[cloudera@quickstart ~]$ sudo -u hdfs hadoop fs -mkdir /inputdirectory
[cloudera@quickstart ~]$ hdfs dfs -ls /
[cloudera@quickstart ~]$ cat>/home/cloudera/processfile.txt
[cloudera@quickstart ~]$ sudo -u hdfs hadoop fs -put
/home/cloudera/processfile.txt /inputdirectory
[cloudera@quickstart ~]$ hdfs dfs -ls /inputdirectory
[cloudera@quickstart ~]$ hadoop jar /home/cloudera/WordCount.jar WordCount
/inputdirectory/processfile.txt /out1
[cloudera@quickstart ~]$ hdfs dfs -ls /out1
[cloudera@guickstart ~]$ hdfs dfs -cat /out1/part-r-00000
```

## **OUTPUT**

```
[cloudera@quickstart -]s hdfs dfs -ls /
sudo -u Found 6 items
drwxmxrwx - hdfs supergroup
drwx-x-rx - hbase supergroup
drwx-x-rx - solr solr
drwx-x-rx - solr supergroup
drwx-x-rx - hdfs supergroup
drwx-x-rx - hdfs supergroup
elcloudera@quickstart -]s sudo -u hdfs haboop fs -mkdir /inputdirectory
fdrwx-x-rx - hdfs supergroup
elcloudera@quickstart -|s sudo -u hdfs haboop fs -mkdir /inputdirectory
fdrwx-x-rx - hdfs supergroup
drwx-x-rx - hdfs supergroup
elcloudera@quickstart -|s sudo -u hdfs haboop fs -mkdir /inputdirectory
elfxx-x-rx - habase supergroup
elfxx-x-rx - habase supergroup
elfxx-x-rx - solr solr
elfxx-x-rx - solr solr
elfxx-x-rx - solr solr
elfxx-x-rx - hdfs supergroup
elfxx-x-rx - hdfs - sydx-x-rx - hdfs - syd
```

