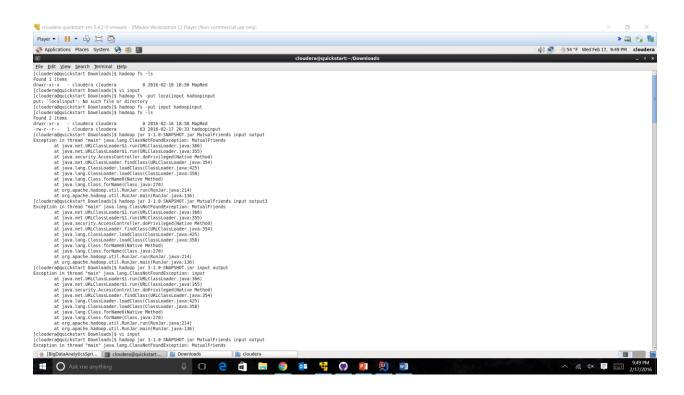
Hadoop MapReduce Algorithm Implement MapReduce algorithm for finding Facebook common friend's problem and run the MapReduce job on Apache Hadoop. Write a report including your algorithm and result screenshots.

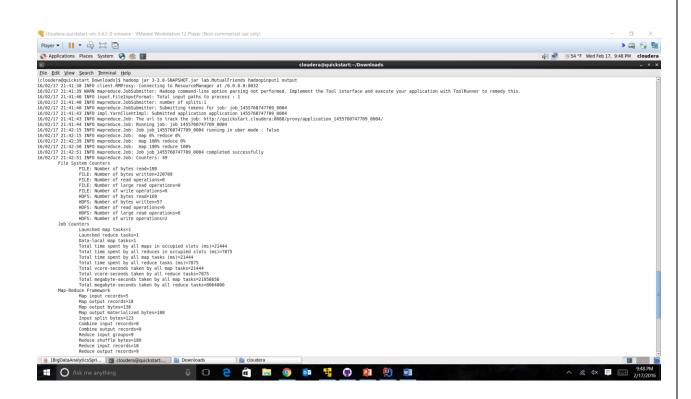
Description:

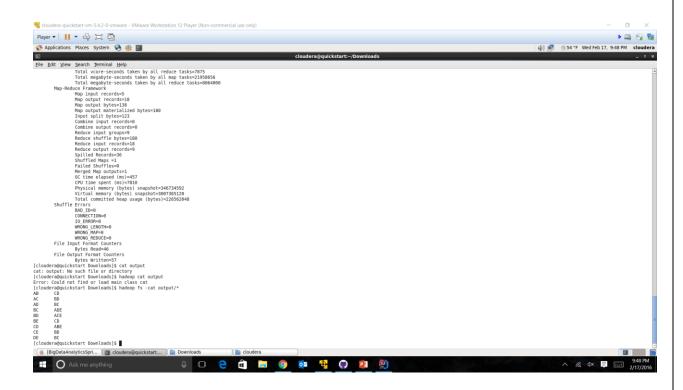
Algorithm Used:

```
Map (person, friends list)
{
Step 1: Pair the persons (in all combinations) Say A-> B C D, B-> A C D E, I will pair a combination as AB
Step 2: Map the common friends for A & B, in this case AB -> C, AB -> D
Step 3: Emit (Friends, Common Friends)
}
Reducer:
Reduce (Friends, Common Friends)
{
Step 1: Reduce the common friends in this case AB -> (C, D)
Step 2: Emit (Friends, Common Friends)
}
```

Screenshots:







2. Smartphone/Watch Application Implement a smartwatch/smartphone application using existing speech services/image services (e.g., IBM Alchemy api , Face++) related to your project.

Description:

I have created a Smartphone application using Camera API which calls the camera service in our smartphones and captures any image and show it on the screen.

Screenshots:



