Lab_Assignment-3

Team-1

1)Vinay Maturi

2)Dave Walsh

Video Link: https://youtu.be/u3A JOuAuG4

*This part is to implement MapReduce algorithms for finding Facebook Common Friends problems and run the map reduce in Apache Spark.

Code:

This is the scala code for fiding common facebook friends in a facebook friends list.

INPUT:

The input is taken in the following format

```
O Fnds.scala × abc.txt ×

A:BCD

B:ACDE

C:ABDE

D:ABCE

E:BCD
```

Output:

The output describes the common friends of each friend with the other friend.

```
(:,A) : B C D

(:,B) E A C : D

(:,C) E A B : D

(:,D) E A B C :

(:,E) : B C D

(A,B) : C D

(A,C) : B D

(A,C) : B D

(B,C) E A : D

(B,C) E A C :

(B,E) C : D

(C,D) E A B :

(C,E) B : D

(D,E) B C :
```