

Edward Rees 20510170 Analysis

Run Time

```
Breadth-First Search:  $O(V + E)$   
Graph addEdge:  $O(1)$   
Graph containsActor:  $O(1)$   
Graph addActor:  $O(1)$ 
```

Terminal Compile

```
javac -cp json-simple-1.1.1.jar *.java
```

Terminal Run

```
java -cp .:json-simple-1.1.1.jar A3 tmp/data_files/tmdb_5000_credits.csv
```