1. Install igraph package.
2. Provide the path for all data processed files “processed\_actors\_actresses.txt” and “edge\_weight.txt” text file in the g=read.graph() function for question 1-3.
3. Code for data cleaning (or processing) can be found in processAct.py and merging\_actors\_actresses.py.
4. Codes for question 1 to 3 can be found in file: Q1\_3.R
5. Data\_clean.cpp and Q4\_clean.cpp were used to processing and cleaning the data to create movies network.
6. Provide path for all the data processed files in “network\_of\_movies.txt” for loading the movie network for Question 5 and Question 6.
7. Codes for question 5 can be found in file: Q5.R
8. Codes for question 6 can be found in file: Q\_6.R
9. Codes for question 7 can be found in file: q7.R
10. Codes for question 8 can be found in file: q8.py
11. Codes for question 9 can be found in file: q9.py
12. Report can be found in Project2\_Report\_Rutuja\_Usha\_Pallavi.pdf