1. Install igraph and netrw package.
2. Codes for question 1 can be found in files: Q1\_all.R
3. Question 1 and 2 take long time to run for 10000 nodes. Change the iteration number to 200, if required.
4. Codes for question 2 can be found in files: Q2\_all.R
5. Codes for question 3 can be found in files: Q3\_all.R
6. Codes for question 4 can be found in files: Q4\_all.R
7. Report can be found in EE232E\_ HW2\_Report.pdf