1. Install igraph package.
2. Codes for question 1 can be found in files: Q1\_a.R, Q1\_b.R, Q1\_c.R
3. For question 2 parts a, b, c and d are in single file: HW\_Q2\_a\_b\_c\_d.R
4. Question 2 was solved using two models degree.game.sequence and barabasi.game. Please uncomment barabasi.game model in order to verify results of the same.
5. Codes for questions are in the file Q3a&b.R
6. Codes for question 4 can be found in files: Q4\_a.R, Q4\_b.R, Q4\_c.R
7. Report can be found in HWK1\_EE232E\_report.pdf