1. This scrip will plot the characteristic path length of networks generated using watts-strogatz modelling at various re wiring probability
2. It asks initially for rewiring probability limits. Lower limit, change at each iteration and upper limit
3. It takes number of nodes and regularity of network as input and generates watts-strogatz model network at various re wiring probability and plot the characteristic path length of those networks
4. The data of characteristic path length of network is logged to text files in the directory “characteristic pathlenght”
5. The plots is also logged to same directory as well