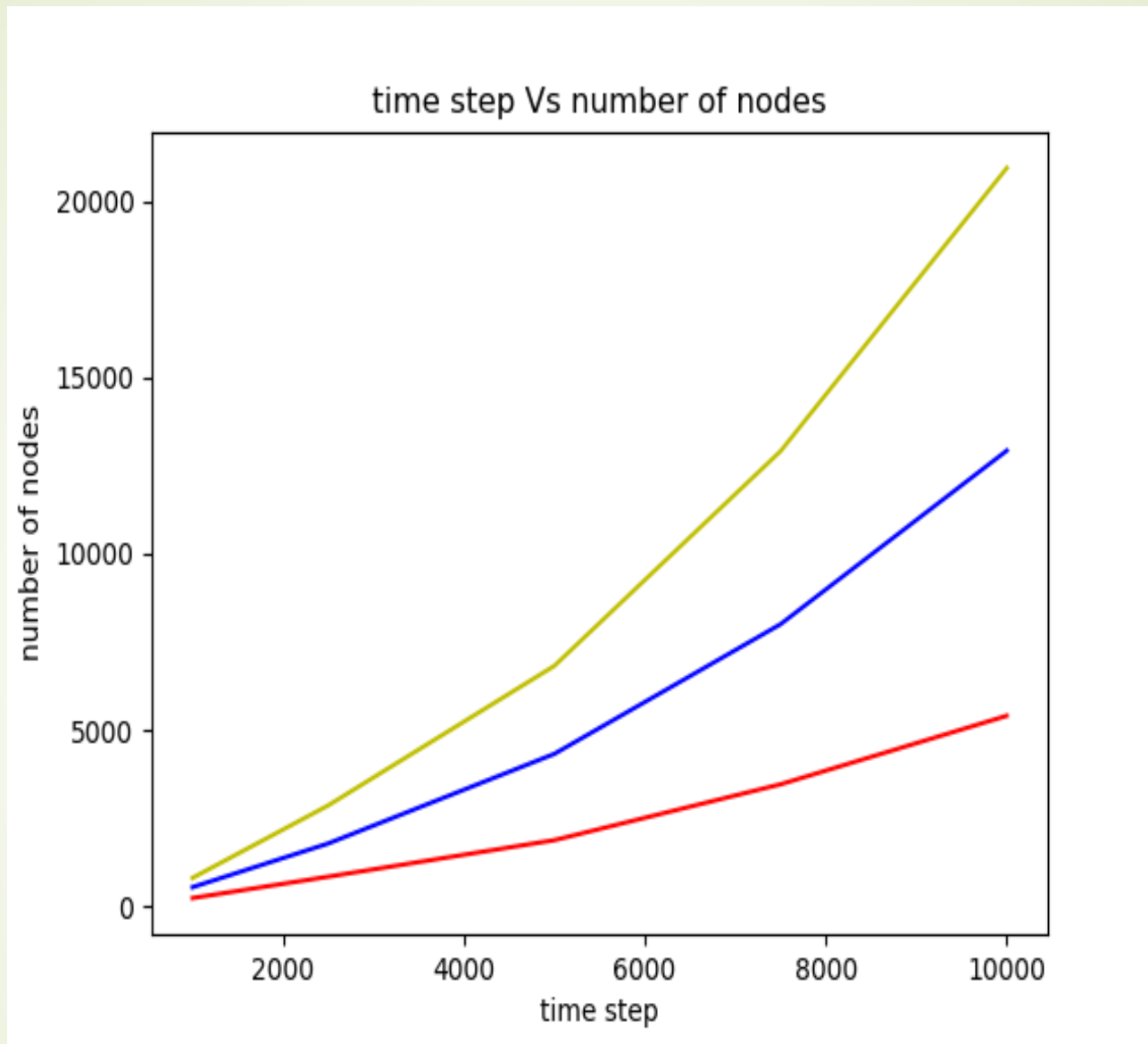




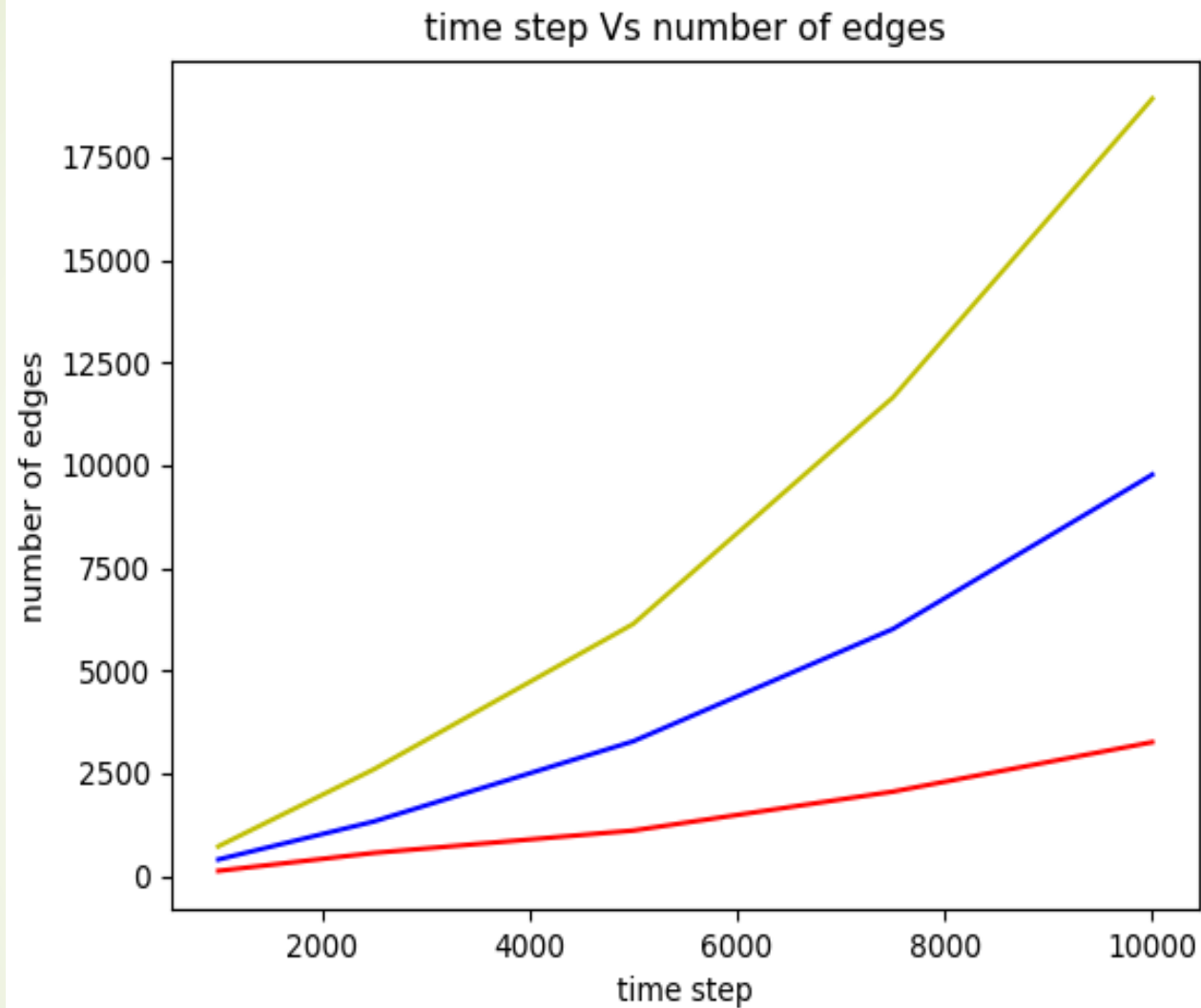
Programming Assignment 2

Mohamed Farhan



YELLOW- $P=0.9$
BLUE- $P=0.75$
RED- $P=0.6$

Fig. 2. Growth in the number of nodes of graph G_t with the number of steps t , for three different values of the birth probability p .



YELLOW- $P=0.9$
BLUE- $P=0.75$
RED- $P=0.6$

Fig. 3. Growth in the number of edges of graph G_t with the number of steps t , for three different values of the birth probability p .

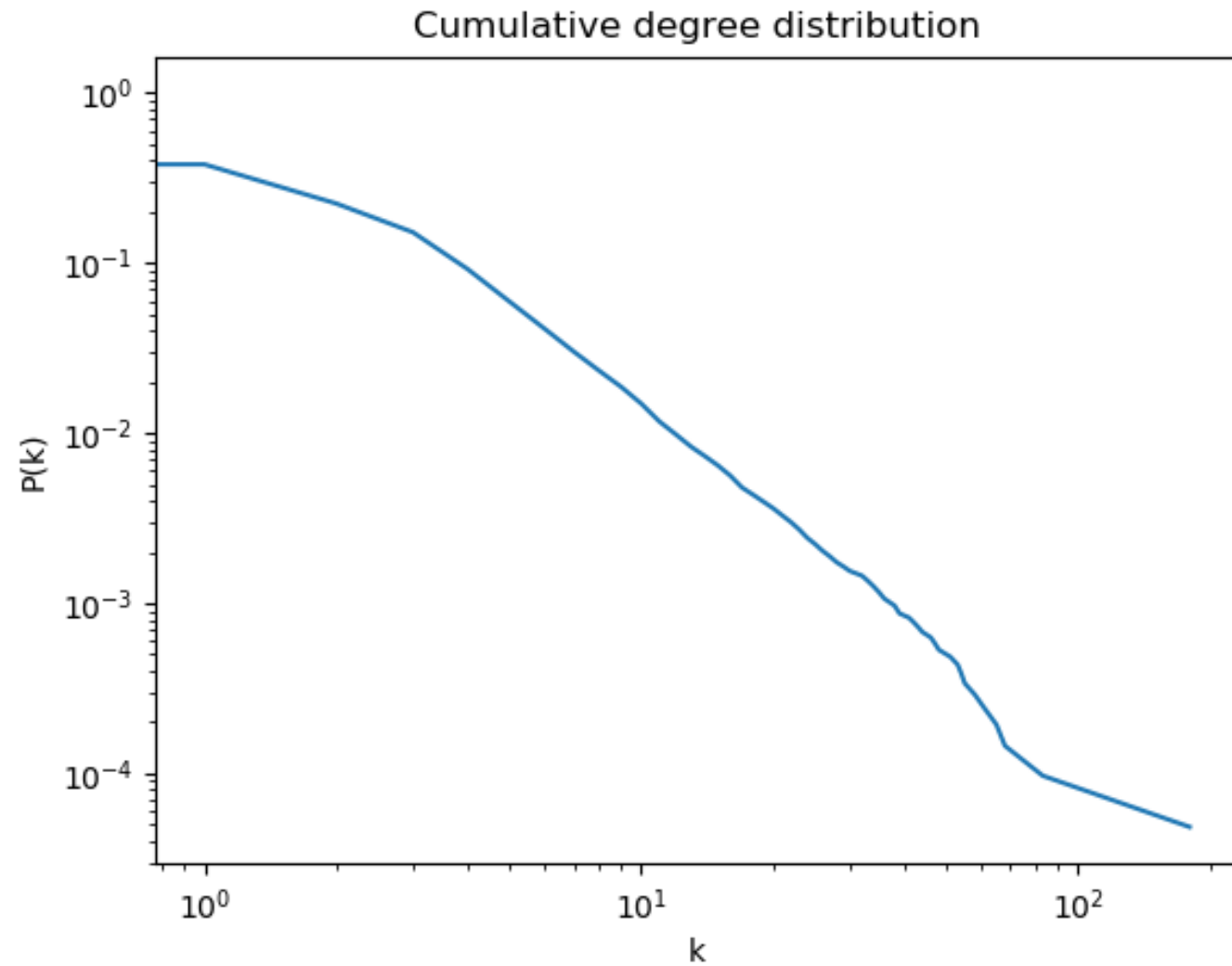


Fig. 5. Log-log plot of the cumulative degree distribution of the graph generated by the preferential deletion model.