Outputs for 5 test cases :

Input(no. of vertices, no. of edges)   Execution time(in sec)

Input(no. of vertices, no. of edges)	Execution time(in sec)
5 , 9	0.406
6 , 9	0.312
5 , 8	0.524
4 , 6	0.345
7 , 10	0.410