

LAB 5

1. Given a directed graph, find out if a vertex j is reachable from another vertex i for all vertex pairs (i, j) in the given graph. Here reachable mean that there is a path from vertex i to j . The reach-ability matrix is called transitive closure of a graph.

2.

1	1	1	0
0	1	0	0
0	0	1	1
0	1	0	1