Sardar Vallabhbhai National Institute of Technology, Surat
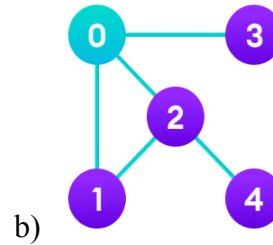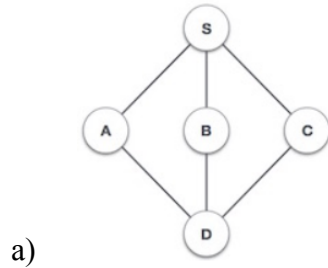
Department of Artificial Intelligence
Artificial Intelligence(AI202)
B.tech II Division H
Assignment 1

1) Implement the Depth First Search (DFS) Algorithm for the following graphs. Determine where this algorithm will be used in Artificial Intelligence.

a)

b)

2) Implement the Breadth First Search (BFS) Algorithm for the following graphs. Determine where this algorithm will be used in Artificial Intelligence.

a)

b)