Roll No:-

NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR,
HAZRATBAL-190006, JAMMU AND KASHMIR
DEPARTMENT OF CSE
B. Tech (CSE)
CSE 601, Artificial Intelligence.

Lab. Assignment 1(Searching Strategies)

Q1. Write the program and show the breadth first search traversal (Consider "a" as the source node) of the graph given in Fig. 1 (please include screen shot in the answer sheet)
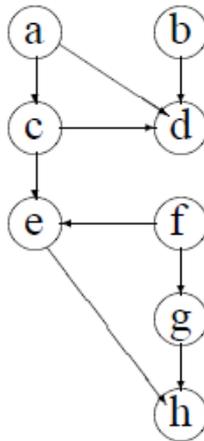

Fig.1.

Q2. Write the program and show the traversal structure of the depth first search (Consider "a" as the source node) of the graph given in Fig. 2
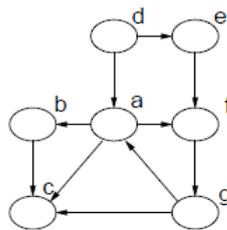

Fig.2.

Q3. Write a program using Back-tracking to solve this n-queen problem.