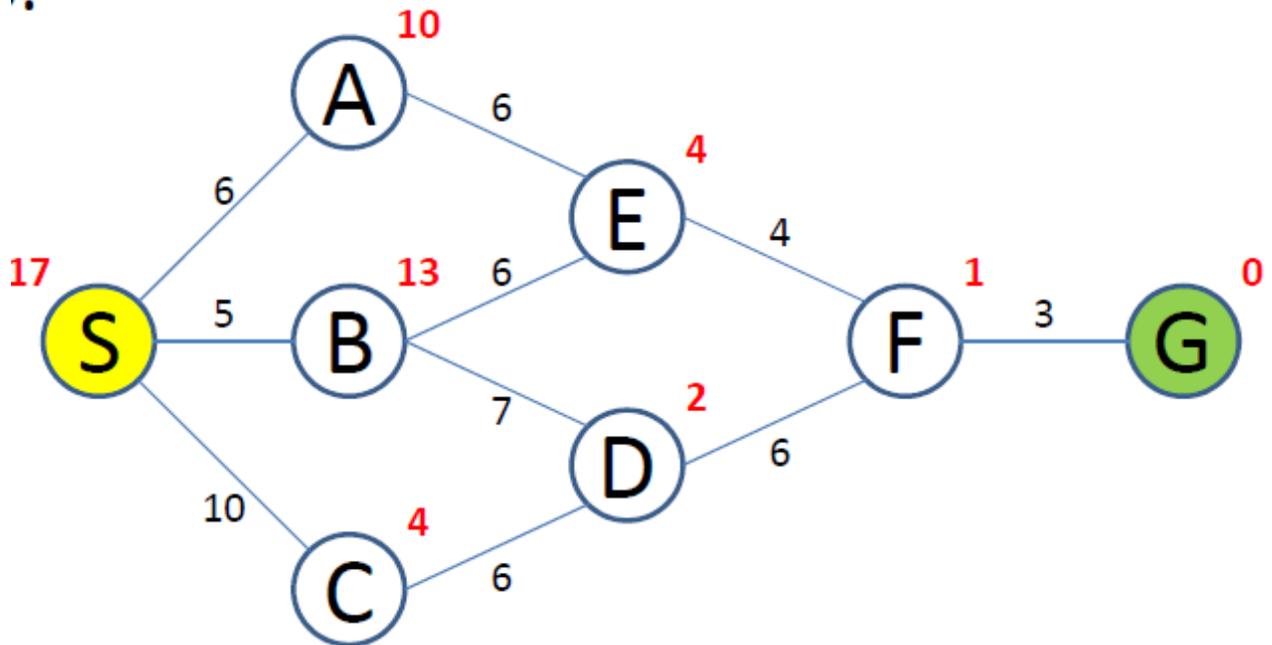




NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR,  
HAZRATBAL-190006, JAMMU AND KASHMIR  
DEPARTMENT OF CSE  
B. Tech (CSE)  
**CSE 601, Artificial Intelligence.**

**Lab. Assignment 2(Searching Strategies)**

Q1. Write a program for the A\* Algorithm for the following graph consider as input.



Q2. Write a program for the AO\* Algorithm.