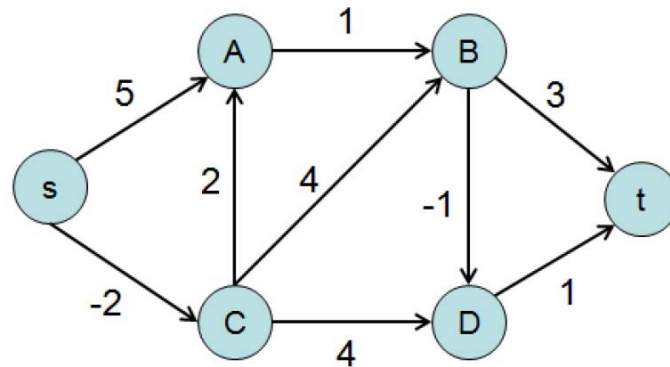


Design and Analysis of Algorithms  
Bonus5

Write a Bellman-Ford algorithm to find one-to-all shortest path for a given graph  $G = (V, E)$



1. No fixed input/output format. You can decide how to implement it by yourself. But you must show the result of the above graph at least.
2. A "[C/C++ source code](#)" and a "[report.pdf](#)" file are needed.
3. The "**report.pdf**" file should include:
  - a. how to execute your code
  - b. the procedure of your program
  - c. the result of the above graph
4. the two files should be named as  
Source code: [algo\\_bfalgo\\_STUDENT-ID-NUMBER.c/.cpp](#)  
Report: [algo\\_bfalgo\\_STUDENT-ID-NUMBER.pdf](#)
5. Upload to [iLMS](#) system
6. The deadline is **11:59 p.m.** on **01/07(Wed.)**