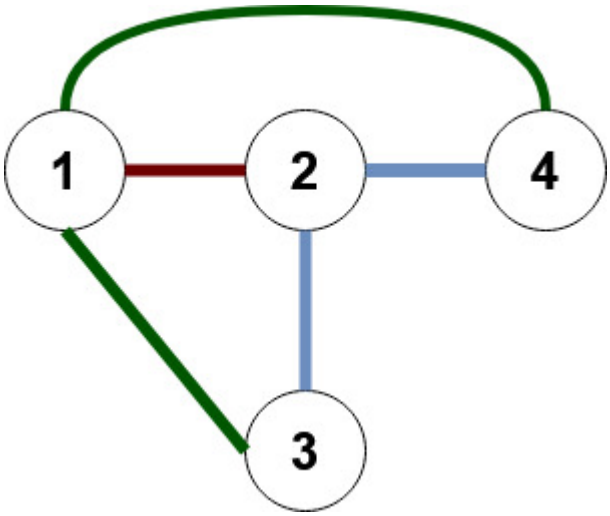
The Solution by Ulvi Bajarani, SID 20539914



The undirected graph G=(V, E) where

V={1,2,3,4}, and

E={{1,2}, {2,3},{3,1},{2,4},{1,4}}.

There are several paths from node 3 to node 4:

a) 3 to 2, and 2 to 4 (indicated by light-blue edges);

b) 3 to 1, and 1 to 4 (indicated by green edges);

c) 3 to 1, 1 to 2 (indicated by the brown edge), and 2 to 4;