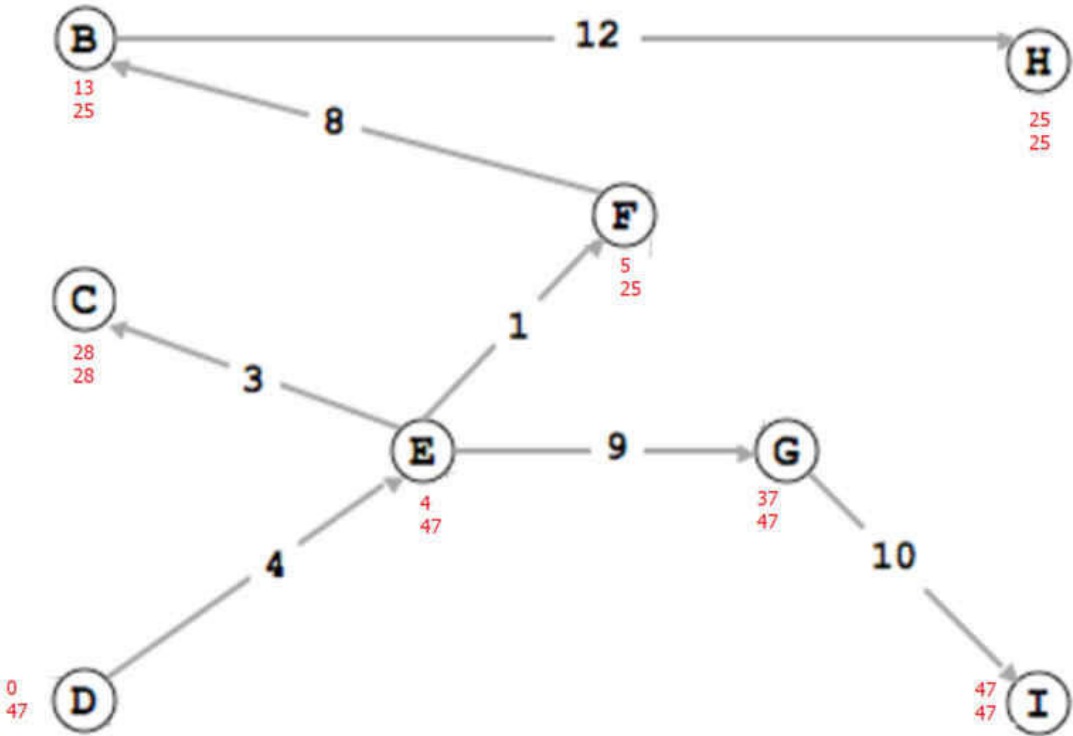**Found Errors in Solution? >>** **Report here!**

Answer

For the DFS, in case of multiple edges we will select edges in non-decreasing order of time (weights).

The graph after this is:

Beside each node, there are two numbers. The one on the top represents the discovery time, and the one at the bottom represents the finish time. It is assumed that after finishing a node, it takes 0 time to finish it's parent node.

As can be seen, vertex A is not here, as it is not reachable from D.

There is only one multi-node strongly connected component in the graph, consisting of D, E, and C. There is no way to reach A from any of the nodes, and from the other nodes we can't reach this component or any other. Thus, all other nodes are a SCC by themselves.

For DEC, the start and finish time are

Vertex	Discovery	Finish

D	0	7
E	4	7
C	7	7

Likes: 0   **Dislikes: 0**