**a) Explanation:**

"First, we checked if the graph has a cycle or not. If there is a cycle we print IMPOSSIBLE. else, we implemented topological sort. Topological sort works using the DFS algorithm. We just stored the nodes while returning in an array at first position."

**b) Explanation:**

'Here we implement topological\_sort using the BFS algorithm. For this we used a queue. First in degree of each vertex is calculated. For each node if in degree is 0 it is appended in the queue. Now for each vertex called it is stored in the sorted list and for each of its neighbors the degree is reduced by 1. At the end if the number of sorted node is not equal to number of vertices then there is a cycle and IMPOSSIBLE is returned.'