Lab Task#8 Graph Traversal Algorithm Assignment

1. You are given an undirected or bidirected graph and a source from which you will start your journey. You have to find and print the list of vertices you can go from the source vertice given as input.
    a. First will have the total number of nodes (**n)** and the total number of edges (**m)**.
    b. Next m lines will be followed by m pairs of integers denoting the bi-directional edges.
        i. a b
            1. It means there is a connection from **a to b** and
            2. Also, a connection from **b to a**.
    c. Then a single integer **s** denoting the source.
2. Use the idea of Graph traversal to solve the problem. Use **Stack** for this one instead of recursion.
3. Implementation should be done in either C or C++ or Python or Java.
    a. Explain your code in words if possible.
    b. Also, if I ask you about your code, you better be able to answer. So please, understand the code before submitting it.
4. **Assignment File Name**: AlgoLabAssign8_GraphTraversalStack_**191**-115-**ZZZ**
    a. Replace **ZZZ** with your roll.
5. Related material link: https://youtu.be/bVCeXuMX7Hk
6. If You find any problem in the question, let me know. I will correct it.

Input #1	***Output#1***
14 12 0 1 0 4 0 2 1 3 1 4 3 5 5 6 5 7 6 8 2 11 11 10 9 13 **0**	0 2 11 10 4 1 3 5 7 6 8

Input #2	***Output#2***
14 10 0 1 0 2 0 4 1 3 1 4 2 11 3 5 6 7 8 9 10 13 **4**	4 1 3 5 0 2 11
Input #3	***Output#3***
7 **5** 1 2 1 4 2 5 3 6 0 6 **6**	6 0 3