Please carefully read the following instructions before attempting the assignment Solution.

NOTE

Don't copy-paste the same answer.

Make sure you can make some changes to your solution file before submitting copy paste solution will be marked zero.

If you found any mistake then correct yourself and inform me.
Before submitting an Assignment GDB checks your assignment requirement file.
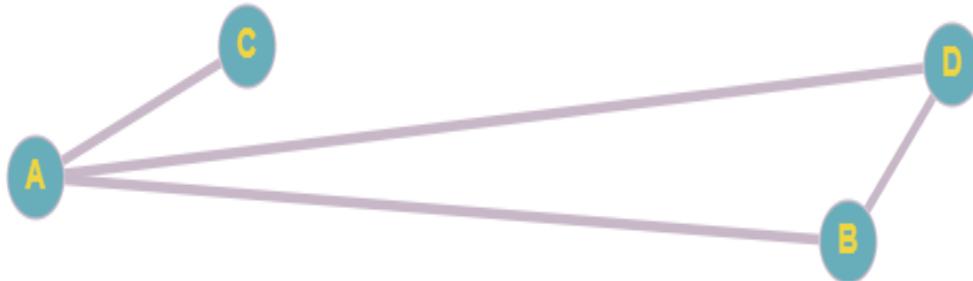
For any query, feel free to Contact at
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**Provide by M.JUNAID QAZI**

Question No. 1
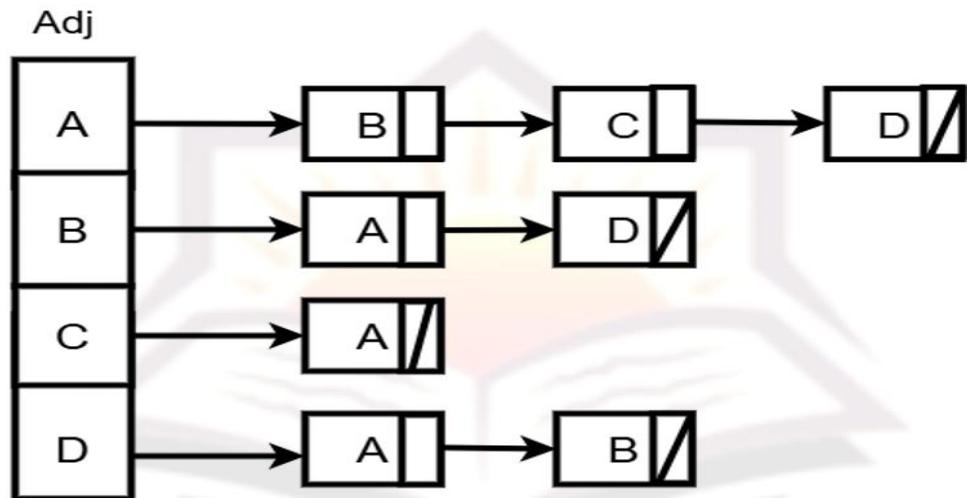
The following Graph shows the road connections among four cities labeled as A, B, C, and D. Your task is to create an adjacency list to accurately represent it.

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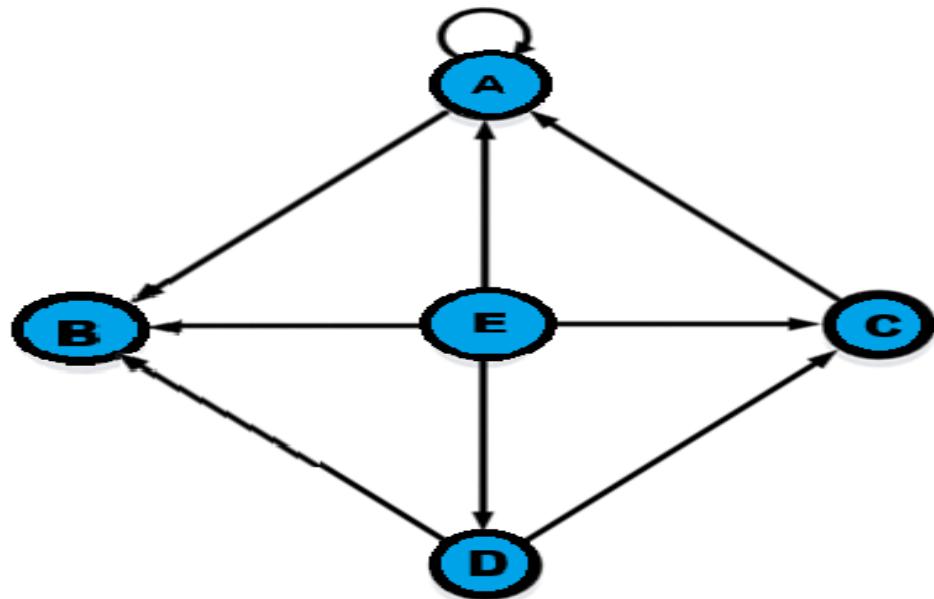
Note: You can either use MS word/Any tool for creating the adjacency list **OR** you can draw it on paper and paste the image in solution.

Answer:

Question No. 2

List down **In and Out- Degrees** of vertices of the given directed graph.

Vertex	In Degree	Out Degree
A	3	2
B	3	0
C	2	1
D	1	2
E	0	4