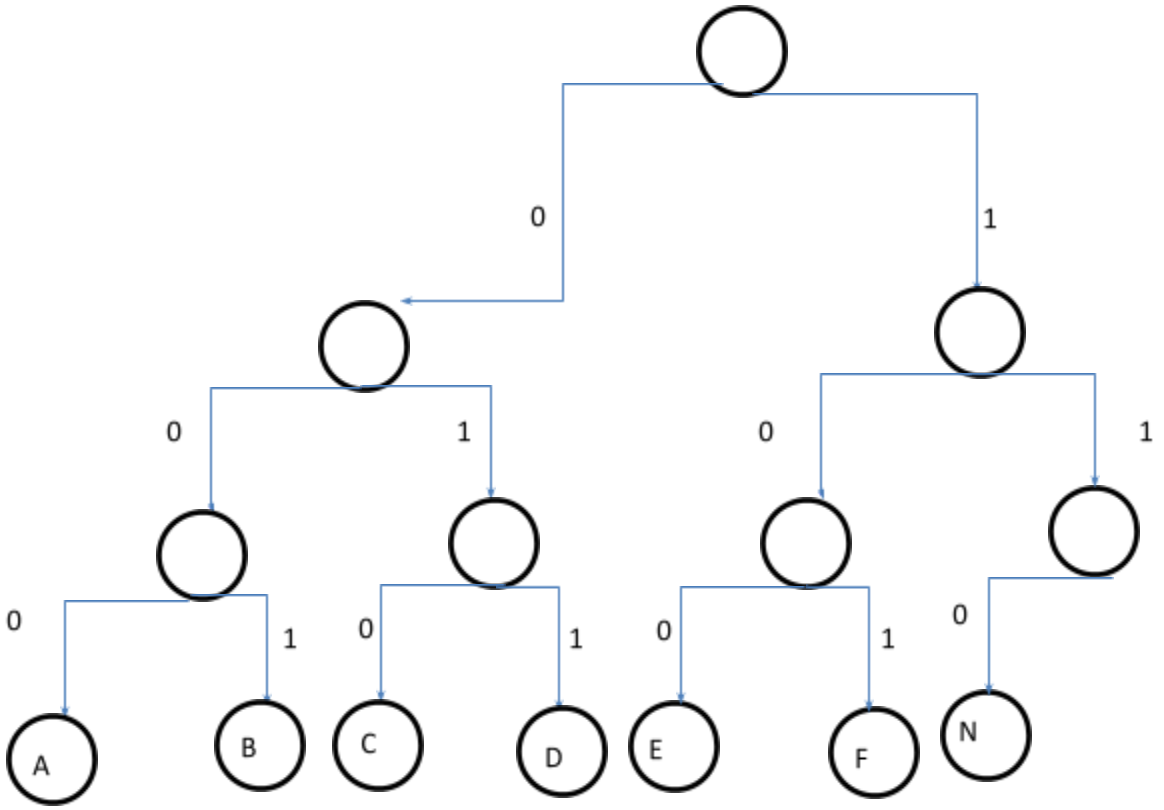
BC********

Question No.01:

Huffman Coding is a data compression technique that reduces the size of data without sacrificing any of the features. You have been given characters and their prefix codes in the following table.

You are required to make a Huffman Code tree.

Letter	Prefix Code
A	000
B	001
C	010
D	011
E	100
F	101
N	110


0
1
0
1
0
1
0
1
0
1
0
1
A
B
C
D
E
F
N

Question No.02:

Consider the following DFS Time Stamped Graph. You are required to fill the table. Sample entry for tree edge is given in the first column.

Table to Fill

Tree Edges	Forward Edges	Back Edges	Cross Edges
A-B	A-D	E-B	D-E
B-C		J-I	K-D
C-E			K=A
B-D			J-K
I-K			
I-J			

Assignment No.02

Solution by Attiq Kundi

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Solution Details