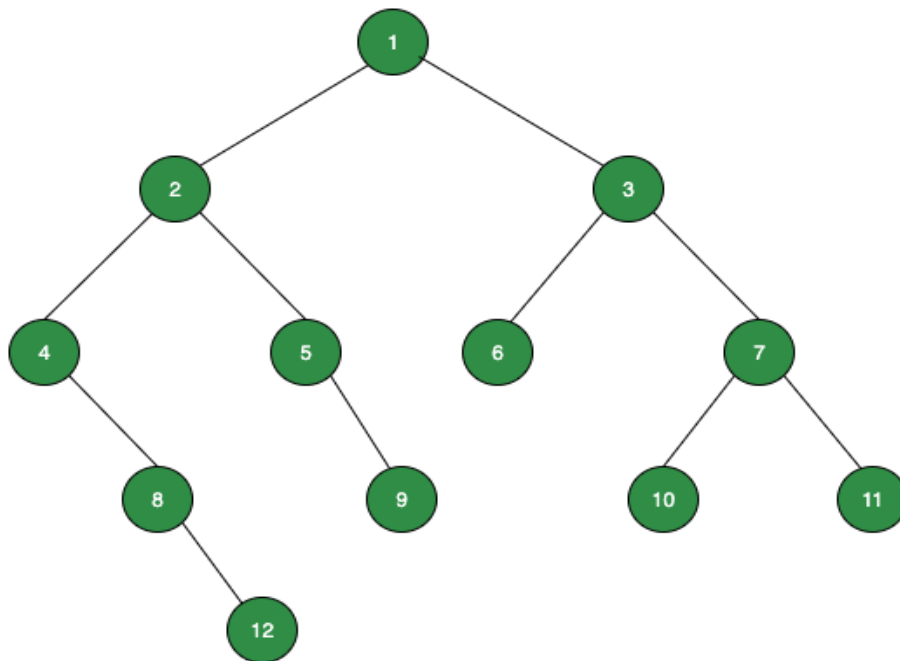# Assignment 9: BFS

Instructions:-
1. You need to upload a pdf file for this assignment
2. Format:- Q1 code, the screenshot of Q1 output, Q2 code, Q2 screenshot of output, and so on in the sequence.
3. File Naming convention:- ID_Lab09.pdf
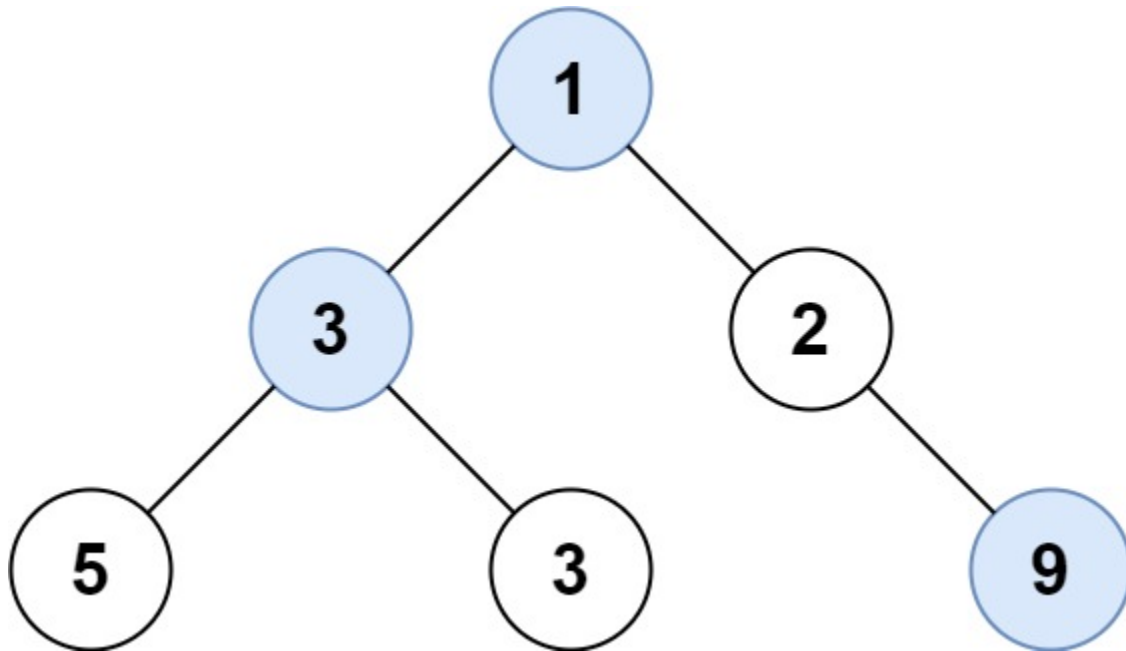   a. Eg:- 202011002_Lab09.pdf

1. Implement BFS on a given graph.
   INPUT:

OUTPUT: 1 2 3 4 5 6 7 8 9 10 11 12

2 Print largest value of each row in tree

   INPUT:

OUTPUT: 1 3 9

3 Populate the next pointer of each node as follows:

```
struct Node {
    int val;
    Node *left;
    Node *right;
    Node *next;
}
```
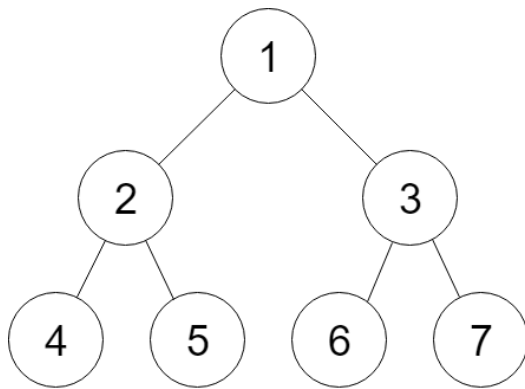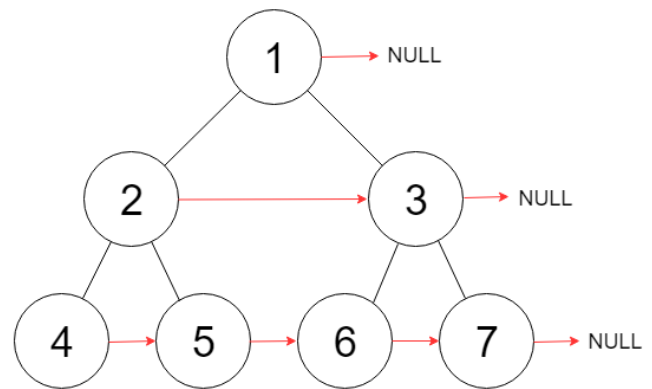

Figure A

Figure B

OUTPUT:- 1 null 2 3 null 4 5 6 7 null