 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 6	Name : Pushti Depani	
Day : 128	Date : 22/2/2023	Enrollment No: 92000133018

CP Club 365 Days Challenge

Programming language – Any language


Problem Statement

<https://practice.geeksforgeeks.org/problems/95423710beef46bd66f8dbb48c510b2c320dab05/1>

<https://github.com/Pushti18/CP-Club-100-onwards->

Your Code:

```
class Solution{
public:
void connect(Node *root)
{
// Code Here
if(root == NULL){
return root;
}
queue<Node*>a;
a.push(root);
while(!a.empty()){
int size = a.size();
vector<Node*>b;
for(int i=0; i<size; i++){
Node* node = a.front();
a.pop();
if(node->left)a.push(node->left);
if(node->right)a.push(node->right);
b.push_back(node);
}
for(int i=1; i<b.size(); i++){
```

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```

        b[i-1] ->next = b[i];
    }
}
return root;
}
};

```

Output (Screen Shot):

Understanding about problem:

In this problem we will start with the root node and get the number of nodes in the current level. After that we will traverse through the nodes in the current level and get the first node from the queue. And if that is not the last node then point to the next node in the queue. After that add that node to the queue and at last return the root node.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST

Team CP Club