### **DAY 7**

## Gaurav Kumar

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**KPIT-901(A)** 

## Find Center of Star Graph

C:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\Mew folder\praticel>cd "c:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\Mew folder\praticel\" && g++ day7ques1.cpp -o day7ques1 && ":\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\Mew folder\praticel\"day7ques1
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## Find if Path Exists in Graph

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#### 01 Matrix

```
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:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\New folder\praticel\"day7ques3
0 0 0
0 1 0
1 2 1
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```

### Accounts Merge

```
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:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\New folder\praticel\" day7ques4
Nary mary@mail.com
John john@mail.com john_newyork@mail.com johnsmith@mail.com
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```

### Network Delay Time

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2

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### All Paths From Source to Target

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#### Max Area of Island

```
G day7ques7.cpp > ...

# #include (dostream)
# include (vector)

using namespace std;

void dfs(int node, vectorvector<int>)& graph, vector<int>& path, vectorvector<int>>& result) {

path, push_back(node);
    if (node == graph.size() = 1) {
        result.push_back(path);
    } else {
        for (int neighbor: graph(node)) {
            dfs(neighbor, graph, path, result);
        }
        }
        path, pop_back();
    }

// path, pop_back();

// pa
```

```
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C:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\New folder\praticel>cd "c:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\New folder\praticel\" && g++ day7ques7.cpp -o day7ques7 && "c:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\New folder\praticel\" ay7ques7 && "c:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\New folder\praticel\" ay7ques7 && "c:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\New folder\praticel>

C:\Users\Gaurav Kumar\OneDrive\Desktop\5th sem\codes\New folder\praticel>
```