Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 4	Name : VEDANT BHARAD	
Day : 132	Date : 27/2/2023	Enrollment No: 92100133023

CP Club 365 Days Challenge

Programming language – C++

Problem Statement

https://practice.geeksforgeeks.org/problems/bfs-traversal-of-graph/1?page=1&difficulty[]=0&status[]=unsolved&curated[]=1&sortBy=submissions

Git :- https://github.com/Vedantbharad2603/CP_club_365_Days

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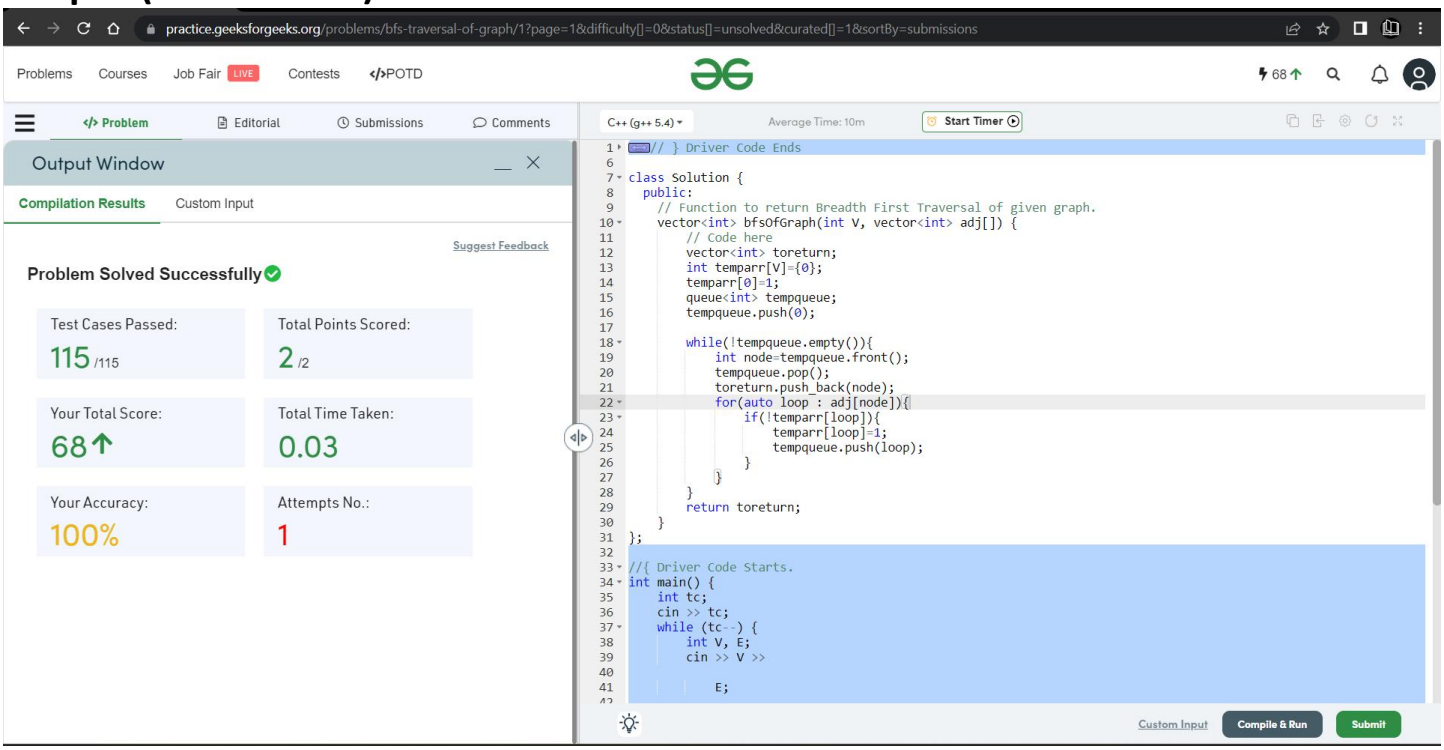
Your Code:

```
vector<int> bfsOfGraph(int V, vector<int> adj[]) {
        // Code here
        vector<int> toreturn;
        int temparr[V]={0};
        temparr[0]=1;
        queue<int> tempqueue;
        tempqueue.push(0);

        while(!tempqueue.empty()){
            int node=tempqueue.front();
            tempqueue.pop();
            toreturn.push_back(node);
            for(auto loop : adj[node]){

                if(!temparr[loop]){
                    temparr[loop]=1;
                    tempqueue.push(loop);
                }
            }
        }
        return toreturn;
    }
```

Output (Screen Shot):



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Understanding about problem:

- In this task I need to return vector in which there is Breadth First Traversal of given graph.

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