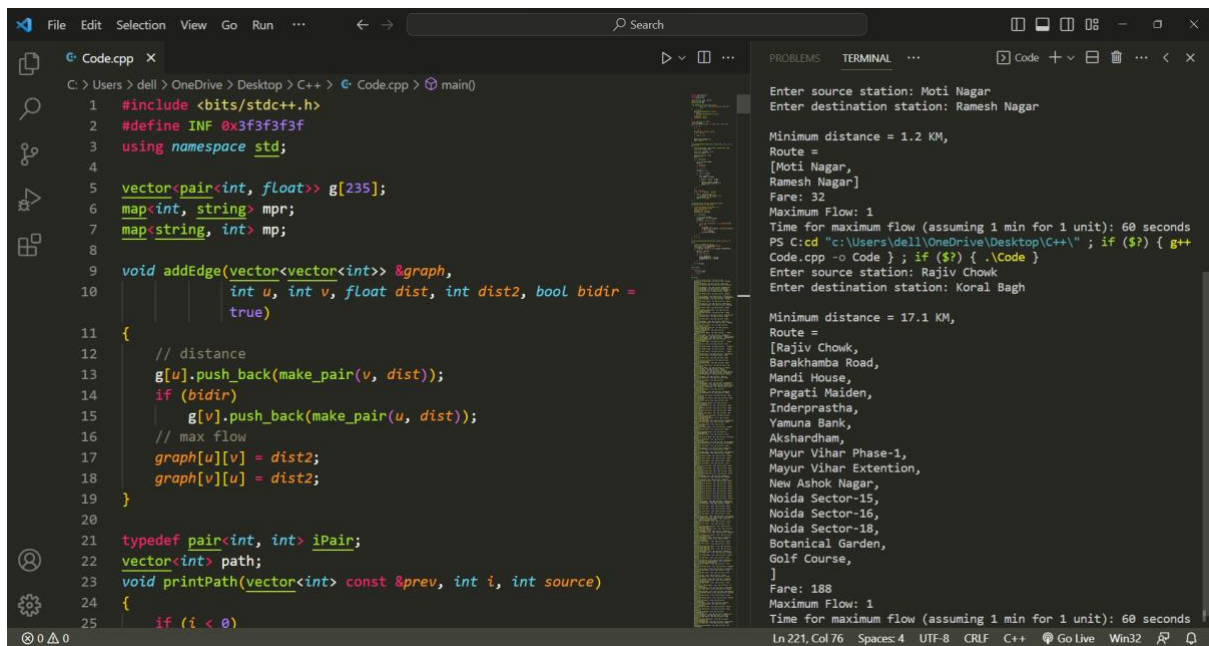


Working ScreenShot-



The screenshot shows a C++ program in Visual Studio Code. The code implements a graph with 235 nodes and an edge addition function. It also includes a shortest path algorithm (Dijkstra's) and a maximum flow algorithm (Ford-Fulkerson). The terminal output shows two test cases: one from Moti Nagar to Ramesh Nagar with a minimum distance of 1.2 KM and a fare of 32, and another from Rajiv Chowk to Korai Bagh with a minimum distance of 17.1 KM and a fare of 188.

```
1 #include <bits/stdc++.h>
2 #define INF 0x3f3f3f3f
3 using namespace std;
4
5 vector<pair<int, float>> g[235];
6 map<int, string> mpr;
7 map<string, int> mp;
8
9 void addEdge(vector<vector<int>> &graph,
10             int u, int v, float dist, int dist2, bool bidir =
11             true)
12 {
13     // distance
14     g[u].push_back(make_pair(v, dist));
15     if (bidir)
16         g[v].push_back(make_pair(u, dist));
17     // max flow
18     graph[u][v] = dist2;
19     graph[v][u] = dist2;
20 }
21
22 typedef pair<int, int> iPair;
23 vector<int> path;
24 void printPath(vector<int> const &prev, int i, int source)
25 {
26     if (i < 0)
27         return;
28     path.push_back(i);
29     printPath(prev, prev[i], source);
30 }
```

Enter source station: Moti Nagar
Enter destination station: Ramesh Nagar

Minimum distance = 1.2 KM,
Route =
[Moti Nagar,
Ramesh Nagar]
Fare: 32
Maximum Flow: 1
Time for maximum flow (assuming 1 min for 1 unit): 60 seconds

PS C:\cd "c:\Users\dell\OneDrive\Desktop\C++\" ; if (\$?) { g++
Code.cpp -o Code } ; if (\$?) { .\Code }
Enter source station: Rajiv Chowk
Enter destination station: Korai Bagh

Minimum distance = 17.1 KM,
Route =
[Rajiv Chowk,
Barakhamba Road,
Mandi House,
Pragati Maidan,
Inderprastha,
Yamuna Bank,
Akshardham,
Mayur Vihar Phase-1,
Mayur Vihar Extention,
New Ashok Nagar,
Noida Sector-15,
Noida Sector-16,
Noida Sector-18,
Botanical Garden,
Golf Course,
]
Fare: 188
Maximum Flow: 1
Time for maximum flow (assuming 1 min for 1 unit): 60 seconds

Ln 221, Col 76 Spaces: 4 UTF-8 CRLF C++ Go Live Win32