

```

class Graph{
    int V;
    vector<pair<int,int>>*adj;

public:
    Graph(int V){
        this->V=V;
        adj=new vector<pair<int,int>>[V+1];
    }
    void addEdge(int u, int v, int wt) {
        adj[u].push_back(make_pair(v, wt));
    }
};

```

```

int main() {
    int V = 4;
    Graph G(V);
    G.addEdge(1, 2, 23);
    G.addEdge(1, 4, 7);
    G.addEdge(1, 3, 15);
    G.addEdge(2, 3, 18);
}

```

