```
#include <bits/stdc++.h>
using namespace std;
typedef pair<int, int> edgeWightPair;
class Graph
    list<edgeWightPair> *adj;
public:
    Graph(int V)
       adj = new list<edgeWightPair>[V];
    void addEdge(int u, int v, int w)
        adj[u].push back(make pair(v, w));
        adj[v].push back(make pair(u, w));
    void printNeighbour(int chk)
       for (auto i = adj[chk].begin(); i != adj[chk].end(); i++)
    void BFS(int source) {
       queue<int> Q;
        Q.push(source);
        while(!Q.empty()){
```

```
cout << u <<<u>" ";</u>
             Q.pop();
                    Q.push(v);
int main()
        g.printNeighbour(i);
       cout << endl;</pre>
    return 0;
```

```
7 10 0
0 1 7
0 2 1
0 5 3
1 3 11
2 3 3
3 6 1
6 5 2
6 4 4
2 5 8
```