Multi Source BFS:

```cpp
vector<int> D(100100 , inf) , adj[100100];
set<int> source;

void multiSourceBfs(){
    queue<int> q;
    for (auto i : source){
        q.push(i);
        D[i] = 0;
    }
    while (!q.empty()){
        int u = q.front();
        q.pop();
        for (auto v : adj[u]){
            if (D[v] == inf){
                D[v] = D[u] + 1;
                q.push(v);
            }
        }
    }
}
```