

```
1 void bfs(int current_node)
2 {
3
4     int temp;
5     queue<int> q;
6     q.push(current_node);
7     vector<int>::iterator itr;
8     visited[current_node] = 1;
9     while(!q.empty())
10    {
11        temp = q.front();
12        q.pop();
13        cout << temp << " ";
14        for(itr = v[temp].begin(); itr!=v[temp].end(); itr++)
15            {
16                if(!visited[*itr])
17                    {
18                        visited[*itr] = 1;
19                        q.push(*itr);
20                    }
21            }
22    }
23
24 }
```