

从起始顶点 s 开始广度优先遍历图的迭代算法

```
void Graph_List:: BFS ( const int s )
{
    int *visited = new int[graphsize] ;
    for(int k=0; k < graphsize ; k++ )
        visited[k] = 0 ;
    cout << s << " " ;
    visited[s] = 1 ;
    Queue q; // 有关 Queue 类的定义参见第 3 章 顺序表
    q.QInsert(s);
    while (!q.QEmpty( ))
    {
        int v=q.QDelete( );
        Edge *p=Head[v].adjacent;
        while (p!=NULL)
        {
            if(visited[p->VerAdj]==0)
            {
                cout << p->VerAdj << " " ;
                visited[p->VerAdj] = 1;
                q. QInsert(p->VerAdj);
            }
            p=p->link;
        }
    }
    delete [ ] visited;
}
```