

Global initialization: mark all vertices "undiscovered"

BFS(s)

```
Mark s "discovered"  queue = { s }  
while queue not empty  
    u = remove_first(queue)  for each edge {u,x}  
        if (x is undiscovered)  mark x discovered  append  
                                x on queue  
    mark u fully-explored
```

- 1、实现宽度优先搜索算法(Breadth-first search algorithm) 和深度优先算法 (Depth-first search algorithm)。
- 2、提交报告一份。需包含以下内容：核心源代码、构造的数据、运行结果。
- 3、编程语言不限。