```
BFS(G, s)
1   for (cada vértice u ∈ V[G] - {s}) {
2         color[u] = WHITE;
3         d[u] = ∞;
4         π[u] = NIL;
    }
5   color[s] = GRAY;
6   d[s] = 0;
7   π[s] = NIL;
8   Q ← {s}
9   while (Q != NULL) {
10        u = head[Q];
11        for (cada v ∈ adj[u])
12            if (color[v] = WHITE) {
13                  color[v] = GRAY;
14                  d[v]=d[u]+1;
15                  π[v] = u;
16                  ENQUENE(Q, v);
              }
17        DEQUENE(Q);
18        color[u] = BLACK;
    }
```

```
DFS(G)
1   for cada vértice u ∈ V[G] {
2         color[u] = WHITE;
3         π[u] = NIL;
    }
4   time = 0;
5   for cada vértice u ∈ V[G]
6         if (color[u] == WHITE)
7               DFS_VISIT(u);

DFS_VISIT(u)
1   color[u] = GRAY;
2   d[u] = time = time++;
3   for cada v ∈ adj[u]
4         if (color[v] = WHITE) {
5               π[v] = u;
6               DFS_VISIT(v);
          }
7   color[u] = BLACK;
8   f[u] = time = time++;
```