



















DFS	(G)		
<u>.</u>			
s.	for each vortex $u \in V[G]$		
	do if color[u] = WHITE		
o.	then DES-Visit(u)		
DES	-Visit(u)		
DFS	i-Visit(u)		
1.	color[u] ← GRAY		
2.	d[u] ← time	// record discovery time	
3.	time ← time +1	// global time increase by one	
4.	for each v ∈ Adj[u]	// explore all adjacent nodes of u	
5.	do if color[v] = WHITE		
6.	then DFS-Visit(v)		
7.	color[u] ← BLACK	// finish with u, and mark it black	
в.	f[u] ← time	<pre>// record finishing time</pre>	
a	time ← time + 1		











