

```
index[u]  $\leftarrow$  lowlink[u]  $\leftarrow$  current  
current  $\leftarrow$  current + 1  
S.push(u)  
inStack[u]  $\leftarrow$  true  
foreach  $v \in G.\text{adj}(u)$  do  
|   if index[v] = 0 then  
|   |   strongconnect(G, v)
```