

```

if  $lowlink[u] = index[u]$  then
    SET  $component \leftarrow Set()$ 
    repeat
        |  $NODE\ w \leftarrow stack.pop()$ 
        |  $inStack[w] \leftarrow false$ 
        |  $component.insert(w)$ 
    until  $w = u$ 
     $components.insert(component)$ 

```