

- Find\_SCCs. V2 (G)

Do DFS (Grewith pre/post calculations) (IVI+ [E])

Mark all vertices as not visited -

for each vertex  $u \in V$  not visited and has highest postorder runter find SCC(G,u):

Compate reh (G,u) using DFS (G,u) ((Vin SCI))
Compate reh (Grev, u) using DFS (G,u)

\_ SCC(G,u) = reh(G,u) N reh (Grey,u)

∀u ∈ SCC (G, u): Mark as visited

O(N+E)



