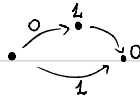6) n nodes, m edges

dp[v] = prob Ann wins if the token is positioned at vertex v

↳ note: this is deterministic:
either 0 or 1

Topological sorting = A (array)

Reverse the sorting = B

∀ v ∈ V :   (or initialize only the sinks to zero)

  dp[v] = 0

∀ v ∈ B :

  dp[v] = $\max\limits_{u \in N[v]} (1 - dp[u])$

Return $\dfrac{\sum\limits_{v \in V} dp[v]}{|V|}$