

# Eksempel

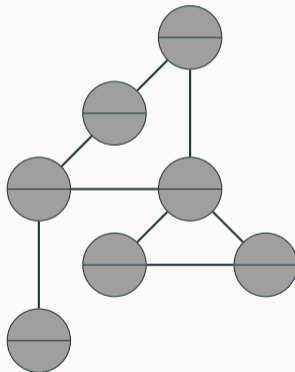
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## Algorithm: Hopcroft-Tarjan Algorithm

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**Output:** Alle separasjonsnoder i inputgrafene  $G$

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1 Procedure HopcroftTarjan( $G, u, depth$ )
2   visited[ $u$ ] = true
3   low[ $u$ ] = index[ $u$ ] =  $depth$ 
4   childCount = 0
5   for each edge  $\{u, v\}$  in  $G$  do
6     if visited[ $v$ ] = false then
7       childCount = childCount + 1
8       HopcroftTarjan( $G, v, depth + 1$ )
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10      if index[ $u$ ]  $\neq$  1 then
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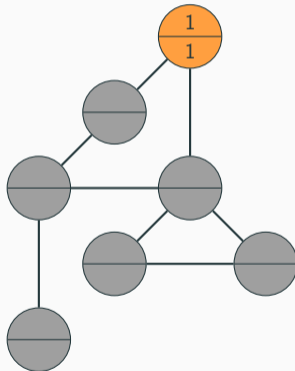
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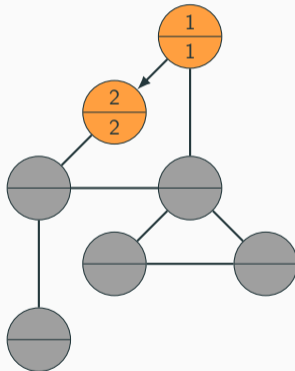
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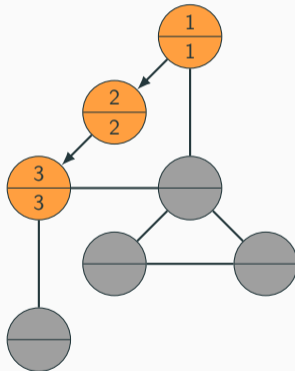
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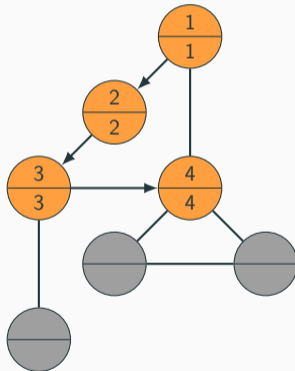
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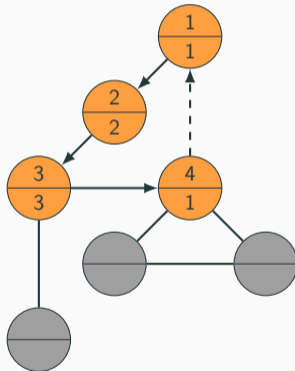
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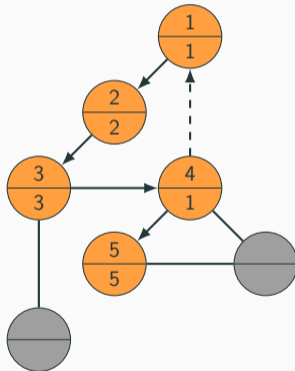
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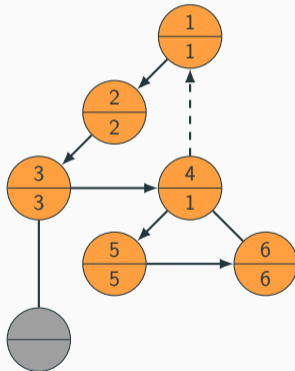
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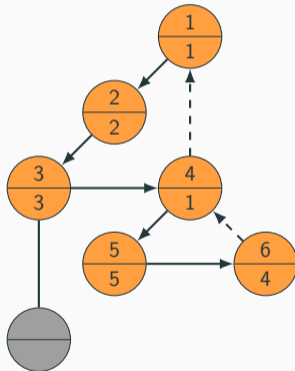
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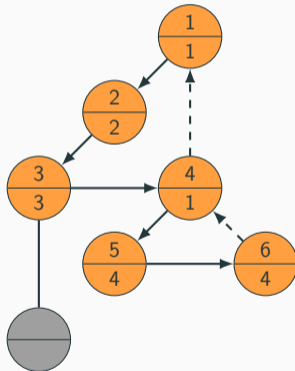
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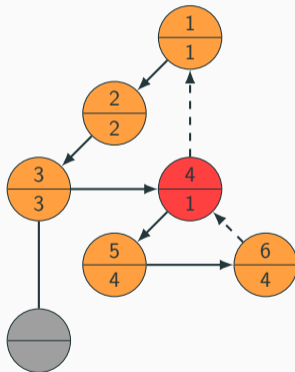
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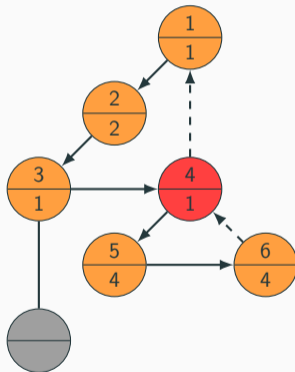
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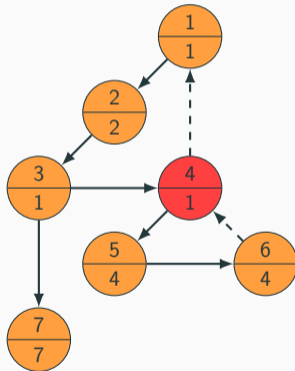
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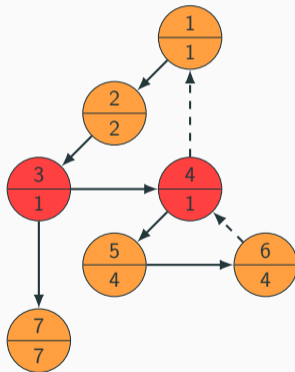
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