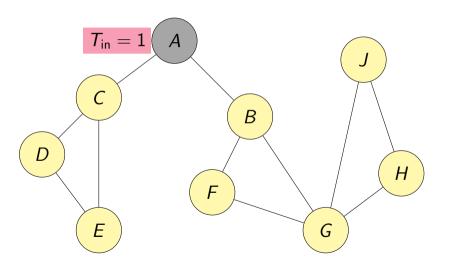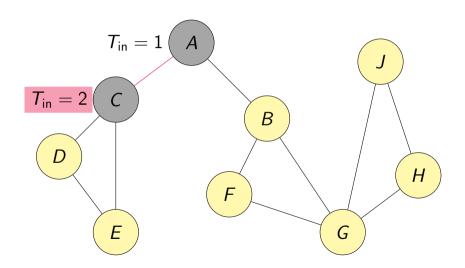# Depth First Search with Timestamps

$T_{\text{in}} = 1$ A

$T_{\text{in}} = 2$ C $T_{\text{out}} = 7$

$T_{\text{in}} = 8$ B

$T_{\text{in}} = 3$ D $T_{\text{out}} = 6$

$T_{\text{in}} = 4$ E $T_{\text{out}} = 5$

J

H

F

G

$T_{\text{in}} = 1$ A

$T_{\text{in}} = 12$ J $T_{\text{out}} = 13$

$T_{\text{in}} = 2$ C $T_{\text{out}} = 7$

$T_{\text{in}} = 8$ B

$T_{\text{in}} = 3$ D $T_{\text{out}} = 6$

$T_{\text{in}} = 11$ H $T_{\text{out}} = 14$

$T_{\text{in}} = 9$ F

$T_{\text{in}} = 4$ E $T_{\text{out}} = 5$

$T_{\text{in}} = 10$ G

$T_{\text{in}} = 1$ A

$T_{\text{in}} = 2$ C $T_{\text{out}} = 7$

$T_{\text{in}} = 8$ B

$T_{\text{in}} = 12$ J $T_{\text{out}} = 13$

$T_{\text{in}} = 3$ D $T_{\text{out}} = 6$

$T_{\text{in}} = 9$ F

$T_{\text{in}} = 11$ H $T_{\text{out}} = 14$

$T_{\text{in}} = 4$ E $T_{\text{out}} = 5$

$T_{\text{in}} = 10$ G $T_{\text{out}} = 15$

$T_{\text{in}} = 1$ A

$T_{\text{in}} = 12$ J $T_{\text{out}} = 13$

$T_{\text{in}} = 2$ C $T_{\text{out}} = 7$

$T_{\text{in}} = 8$ B

$T_{\text{in}} = 3$ D $T_{\text{out}} = 6$

$T_{\text{in}} = 11$ H $T_{\text{out}} = 14$

$T_{\text{in}} = 9$ F $T_{\text{out}} = 16$

$T_{\text{in}} = 4$ E $T_{\text{out}} = 5$

$T_{\text{in}} = 10$ G $T_{\text{out}} = 15$