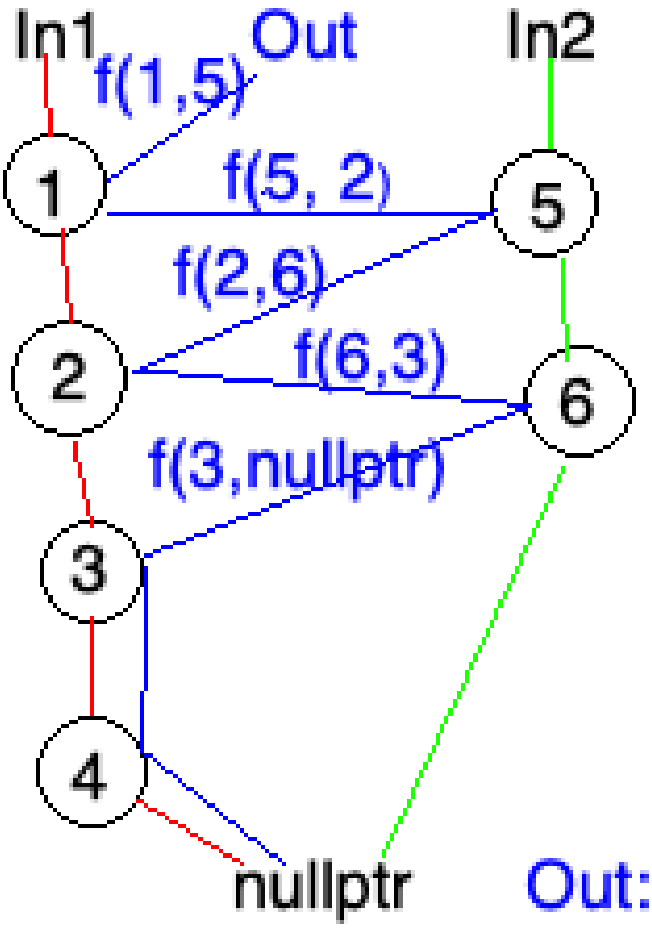
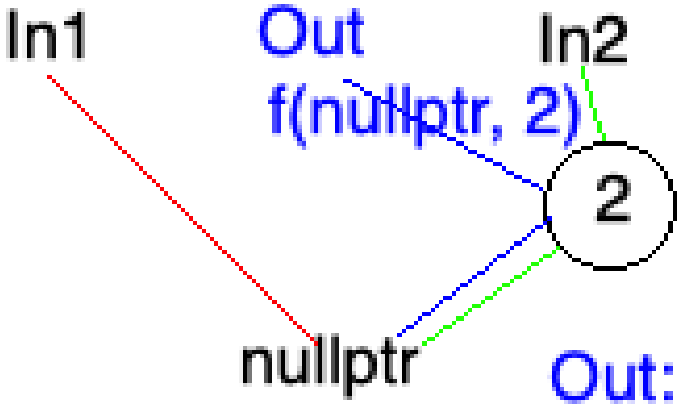
QUESTION A

In:



Out: 1, 5, 2, 6, 3, 4

QUESTION B



Out: 2