D
$$T(n) = 2T(n-1) + O(1)$$
 $T(n-1) = T(n-1) + O(1)$
 $T(n-1) = T(n-1) = 2$
 $T(n-2) = T(n-2) = 1$
 $T(n-2) = T(n-2) = 1$
 $T(n-2) = 1$