Algorithms 10

Divij Singh

30/04/18

1

$x = 1$
$for\ i\ in\ range(k/2)$
$x = x * n$
$x = x * x$

$if(k\%2! = 0)$
$x = x * n$
$return\ x$

Time complexity: $O(logk)$
Space complexity: $x + n + k$