

# Chapter 1 Exercise

2.

Total Steps:  $n \times (n-1) \times (n-2)$

Time Complexity:  $O(n^3)$

4.

Total Steps:  $n \times (n+1) \times (n+1)$

Time Complexity:  $O(n^3)$

5.  $O(n)$

9.

func f(n)

if  $n \leq 0$  return 0

return  $n^n$