

Function  $X = f(n)$

$X \leftarrow 1$

for  $i = 1 \leq n$

for  $j = 1 \leq n$

$X \leftarrow X + 1$

Cost Time

$C_1$

1

$C_2$

$n$

$C_3$

$n$

$C_4$

1

Total cost =  $C_1 + C_2 + C_3 + C_4$

Total time =  $n^2 + 1$