

1. for ( $i=1, i \leq n; i++$ )  $\rightarrow n$

for ( $j=1; j \leq n; j++$ )  $\rightarrow n$

Print f("Hi");

$\dots n \times n \Rightarrow O(n^2)$

2. for ( $i=1; i \leq n; i \times 2$ )  $\Rightarrow \log n$

for ( $j=1; j \leq n; j++$ )  $\Rightarrow n$

Print f("Hello");

$\Rightarrow n \times \log n$

$\Rightarrow O(n \log n)$