

(a.) `for(i = 1; i <= n; i++)`
 `for(j = 1; i <= n; j++)`
 `printf("Hello");`

Ans. $O(n^2)$

(b.) `for(i = 1; i <= n; i *= 3)`
 `for(j = 1; i <= n; j++)`
 `printf("Hello");`

Ans. $O(N)$