

```

k = 1;
for (i = 1; i < n; i++)
    k++;

```

// Answer: $O(n)$

/*****/

```

if (x < 3) {
    k++;
}
else {
    k = 1;
    for (i = 1; i < n; i++)
        k++;
}

```

// Answer: $O(n)$

/*****/

```

k = 1;
for (i = 1; i < n; i++)
    for (j = 1; j < m; j++)
        k++;

```

// Answer: $O(nm)$

/*****/

```

for (i = 1; i < n * n; i++)
    k++;

```

// Answer: $O(n^2)$

/*****/

```

k = 1;
for (i = 1; i < n; i++)
    for (j = i + 1; j < n; j++)
        k++;

```

// Answer: $O(n^2)$

/*****/

```

i = 0;
while (i < n * n * n)
    i = i + (2 * n);

```

// Answer: $O(n^2)$

/*****/


```
for (i = 1; i < n; i = 3 * i) { // Answer:  $O(n \log n)$ 
    j = 1;
    while (j < n)
        j = j + 1;
}
```