

the following algorithm into a program and find its time complexity using the counter method.

```
function (int n)
```

```
    s = 1;
```

```
    i =1;
```

```
    while(s <= n)
```

```
        i++;
```

```
        s += i;
```

need of counter increment for declarations and scanf() and count variable printf() statements.

Give Integer n

Value of the counter variable

Example:

Result

12

(penalty regime: 0 %)

or not ready. Perhaps reload page?

Back to raw text area.

```
count++;
```

```
scanf("%d", &n);
```

```
count++;
```

```
while (s<=n) {
```

```
    count++;
```

```
    i++;
```

```
    count++;
```

```
    s+=i;
```

```
    count++;
```

```
printf("%d", count);
```

```
return n();
```

```
scanf("%d", &n);
```

```
printf("%d", &n);
```

```
function(n);
```

Input	Expected	Got	
	12	12	✓
	9	9	✓

All tests! ✓