

Grade 10.00 out of 10.00 (**100**%)



Started on	Friday, 8 August 2025, 1:42 PM
State	Finished
Completed on	Friday, 8 August 2025, 1:47 PM
Time taken	4 mins 28 secs
Marks	1.00/1.00

```
Convert the following algorithm into a program and find its time
```

Answer:

```
# include <stdio.h>
 1
 2
 3 v int main(){
 4
        int count = 0;
 5
        count++;
        int c = 0;
 6
7
        int n;
        scanf("%d", &n);
 8
 9
        count++;
10 🔻
        for(int i=n/2; i<n; i++){</pre>
11
           count++;
12 🔻
           for(int j=1; j<n; j=2*j){
13
               count++;
               for(int k=1; k<n; k=k*2){
14 ▼
15
                    count++;
16
                    C++;
17
                    count++;
                }
18
                count++;
19
20
            }
21
            count++;
22
        printf("%d", count);
23
24 }
```

	Input	Expected	Got	
~	4	30	30	~
~	10	212	212	~

Passed all tests! 🗸

Correct

Marks for this submission: 1.00/1.00.

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