

CS23331-Design and Analysis of Algorithms-2023 Batch-CSE

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Started on Friday, 9 August 2024, 1:36 PM
              State Finished
     Completed on Friday, 9 August 2024, 1:41 PM
        Time taken 5 mins 14 secs
             Marks 1.00/1.00
             Grade 10.00 out of 10.00 (100%)
                    Convert the following algorithm into a program and find its time complexity using the counter method.
Correct
Mark 1.00 out of 1.00
                        if(n==1)
P Flag question
                          printf("*");
                        else
                         {
  for(int i=1; i<=n; i++)
                            for(int j=1; j<=n; j++)
                              printf("*");
printf("*");
break;
                    Note: No need of counter increment for declarations and scanf() and count variable printf() statements.
                    Input:
A positive Integer n
                    Output:
Print the value of the counter variable
                    Answer: (penalty regime: 0 %)
                           #include <stdio.h>
void func(int n)
                                main(){
int n;
scanf("%d",&n);
func(n);
                            Input Expected Got
                      ✓ 2 12
                                             12 🗸
                      ✓ 1000 5002
                                             5002 🗸
                      ✓ 143 717
                                             717
                     Passed all tests! 🗸
                                                                        Jump to..
   → Problem 1: Finding Complexity using Counter Method
                                                                                                                                                         Problem 3: Finding Complexity using Counter Method ►
```