

[Home](#) » [Rakshith K](#)**Rakshith K**Username: **rakshith\_H**Country: **India**State: **Karnataka**City: **Tenhamijar**Student/Professional: **Student**Institution: **Ahas Institute of Engineering and Technology Karnataka, India**Teams List: **List of [teams](#) by Rakshith K**Team Invites: **Click [here](#) to check team invites.** **0**

### Rating Graphs



### CodeChef Rating Distribution





www.codechef.com/ide



Hello, rahshitha.11



Logout

[PRACTICE](#)
[COMPETE](#)
[DISCUSS](#)
[COMMUNITY](#)
[HELP](#)
[ABOUT](#)

me » IDE

## Code, Compile &amp; Run

Ide ✕ +

Context Code/Name (e.g., PRACTICE)

Problem Code/Name (e.g., TEST)

Select

C++14 (gcc 6.3)



Code gets auto-saved every second



```

1 #include <stdio.h>
2 int main()
3 {
4     int n, t, sum = 0, remainder;
5
6     printf("Enter an integer\n");
7     scanf("%d", &n);
8
9     t = n;
10
11     while (t != 0)
12     {
13         remainder = t % 10;
14         sum = sum + remainder;
15         t = t / 10;
16     }
17
18     printf("Sum of digits of %d = %d\n", n, sum);
19
20     return 0;
21 }

```

20:1



Open File

✓ Custom Input

Run

Custom Input

54

Status: Successfully executed Date: 2020-05-30 13:00:13 Time: 0 sec Mem: 15,232 kb



Input

54

Output

Enter an integer  
Sum of digits of 54 = 9

# Program to find sum of digits of a number.

## Algorithm:

1. Start
2. Initialize  $sum = 0$
3. Read the value of  $n$
4.  $t = n$
5. while ( $t \neq 0$ ), if ( $t \neq 0$ ) condition becomes false goto step 7
  - 5.1 remainder =  $t \% 10$
  - 5.2  $sum = sum + remainder$
  - 5.3  $t = t / 10$
6. Repeat the steps until the condition becomes false.
7. Print "The sum of digits"
8. Return 0
9. Stop.

## Flowchart :

