



Code, Compile & Run

Ide  

Contest Code/Name (e.g. JULY15/PRACTICE)

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)



Code gets autosaved 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     printf("Sum of digits of %d = %d\n",n,sum);
18
19     return 0;
20 }
21
22
23
```

22.0



Open File

☒ Custom Input

Run

Custom Input

12

Status Successfully executed Date 2020-05-30 08:33:48 Time 0 sec Mem 9.424 kB



Input

12

Output

```
Enter an integer
Sum of digits of 12 = 3
```

Phiyanka. shet

4AL19C5070

(i) Algorithm (sum of digits)

Step 1 : start

Step 2 : read n ;

Step 3 : $sum = 0$;

Step 4 : while ($t \neq 0$)

{
 $x = t \% 10$;

$s = s + x$;

$n = n / 10$;

}

Step 5 : display s ;

Step 6 : stop.

(ii) Flowchart

