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## Code, Compile & Run

Ide × +

Context Cook/Name (e.g., JUDS15/PIRCHCEP)

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

Select

C (gcc 6.7)



Code gets auto-saved every second



```

1 #include <stdio.h>
2 int main()
3 {
4     char str[100];
5     int i, sum=0;
6     printf("enter the string.\n");
7     gets(str);
8     for(i=0; str[i]!='\0'; i++)
9     {
10         if((str[i]>='0') && (str[i]<='9'))
11         {
12             sum+=(str[i]-'0');
13         }
14     }
15     printf("sum of all digits:\n %d", sum);
16     return 0;
17 }

```

0:0



Open File

✓ Custom Input

Run

Custom Input

4678

Status Successfully executed Date 2020-06-25 02:10:58 Time 0 sec Mem 9.424 kB



Input

4678

Output

```

enter the string:
sum of all digits:
25

```

# C program to count sum of numbers in a string

## Algorithm:

Step 1: Start

Step 2: Enter string, i, sum=0

Step 3: for(i=0; str[i]!='\0'; i++)  
{

if((str[i] >= '0') && (str[i] <= '9'))

{

sum += (str[i] - '0');

}

Step 4: } Output sum of all digits

Step 5: Stop

## Flowchart:

