

digit: c

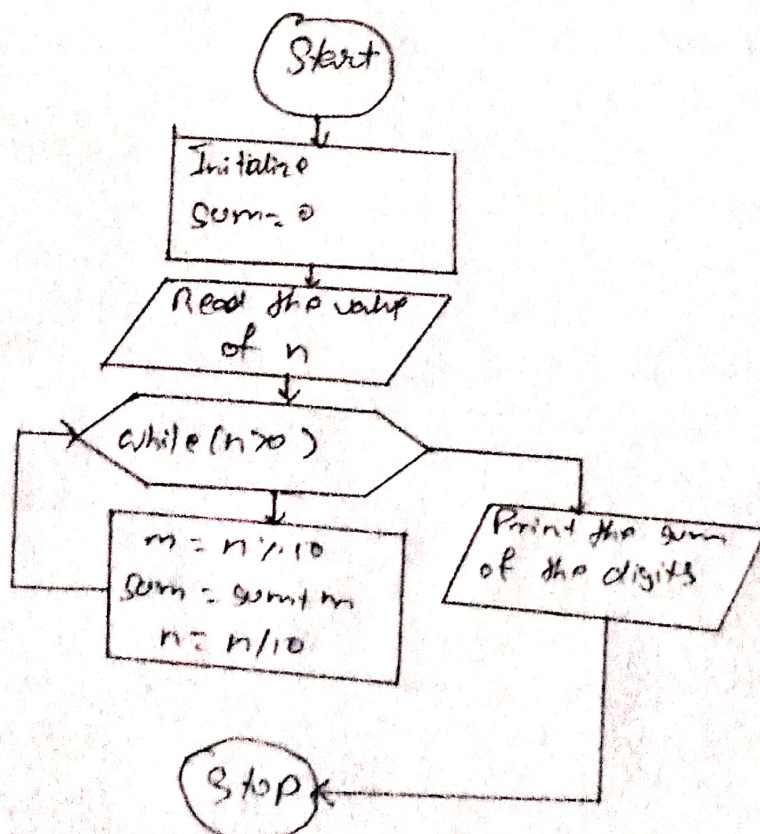
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Program to find sum of digit of a number

Algorithm

- 1) Start
- 2) Initialize $sum = 0$
- 3) Read the value of n
- 4) while ($n > 0$) // if ($n > 0$) condition becomes false go to step 6
 - 4.1 $m = n \% 10$
 - 4.2 $sum = sum + m$
 - 4.3 $n = n / 10$
- 5) Repeat the step 4 until the condition becomes false
- 6) Print "The sum of the digits"
- 7) Stop Return 0
- 8) Stop

Flowchart



Code, Compile & Run

Ide x +

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,sum=0,m;
5     printf("Enter a number:");
6     scanf("%d",&n);
7     while(n>0)
8     {
9         m=n%10;
10        sum=sum+m;
11        n=n/10;
12    }
13    printf("Sum is=%d",sum);
14    return 0;
15 }
16
17
```

0.0



Open File

✓ Custom Input

Run

Custom Input

480

Status Successfully executed Date 2020-05-30 11:59:01 Time 0 sec Mem 9.424 kB



Input

480

Output

Enter a number:Sum is=12