CODECHEF
An Educational Initiative

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Pushpitha P   ✎ f 👥

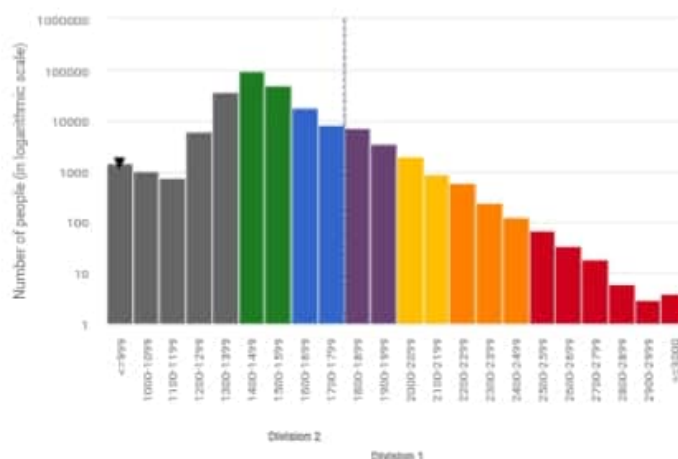|	
Username:	pushpitha2001
Country:	🇮🇳 India
State:	Karnataka
City:	Mysuru
Student/Professional:	Student
Institution:	Alvas Institute of Engineering and Technology Karnataka, India
Teams List:	List of teams by Pushpitha P
Team Invites:	Click here to check team invites 🔵

Rating Graphs

CodeChef	Long Challenge	Cook Off	Lunch Time

CodeChef Rating Distribution

0
★

CodeChef Rating
(Highest Rating 0)

NA | **NA**
Global Rank | Country Rank

Contests	Rating	Global Rank	Country Rank
Long Challenge	0	NA	NA
Cook-off	0	NA	NA
Lunch Time	0	NA	NA

Recent Activity

Date/Time	Problem	Result	Lang
	No Recent Activity		

CODECHEF
An Educational Initiative

Code, Compile & Run

Ide   ✕   +

C++14 (gcc 6.3)   ⓘ ⬇ ⟋ ⚙

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

14:13   ⟳

Open File   ✓ Custom Input   Run

Custom Input

12345

Status Successfully executed   Date 2020-05-30 10:02:04   Time 0 sec   Mem 15.232 kB   ✕

Input

12345

Output

```
enter an integer
sum of digits of 12345=15
```

Code, Compile & Run

Ide ✕ +

C++14 (gcc 6.3) ▼   ⓘ ⬆ ↗ ⚙

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

14:13   ⟳

Open File   ✓Custom Input   Run

Custom Input
687

Status Successfully executed   Date 2020-05-30 10:01:36   Time 0 sec   Mem 15.232 kB   ✕

Input
687

Output
enter an integer
sum of digits of 687=21

Algorithm to find Sum of digits of a number.

1) Start

2) read n ;

3) S = 0

4) while (n ! = 0)
   {

   n = n % 10;

   S = S + n ;

   n = n / 10;
   }

5) display S;

6) Stop.

Flowchart to find sum of digits of a number.

```
              ( Start )
                 |
                 v
        +------------------+
        |       Set        |
        | N = 0; D=0, Sum=0 |
        +------------------+
                 |
                 v
            / Input N /
                 |
                 v
        +------------------+
        |   D = N mcD 10   |
        |   Sum = Sum+D    |
        +------------------+
                 |
                 v
        +------------------+
        |    N = N/10      |
        +------------------+
                 |
                 v
              / 15  \
             <  N=O  >
              \     /
                 |
                 v
        / Display Sum /
                 |
                 v
            ( Stop. )
```

Flowchart to find sum of digits of a number.