



Chinmaya Dayananda Kamath



Username: ckamath2000

Country:  India

State: Karnataka

City: India

Student/Professional: Student



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Institution: CamScanner Alvas Institute of Engineering and Technology Karnataka, India

Input

20201996

Output

Enter the string

20201996

Sum of numbers in string 29

Sum of numbers in string

Program -

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, sum=0;
```

```
    char str[50];
```

```
    printf("Enter the string\n");
```

```
    gets(str);
```

```
    for(i=0; str[i]!='\0'; i++)
```

```
    {
```

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

```
        {
```

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

```
        }
```

```
    }
```

```
    printf("Sum of numbers in string is: %d\n", sum);
```

```
    return 0;
```

```
}
```

Algorithm

step 1 - start

step 2 - Input str

step 3 - Repeat for(i=0; str[i]!='\0'; i++)

{

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

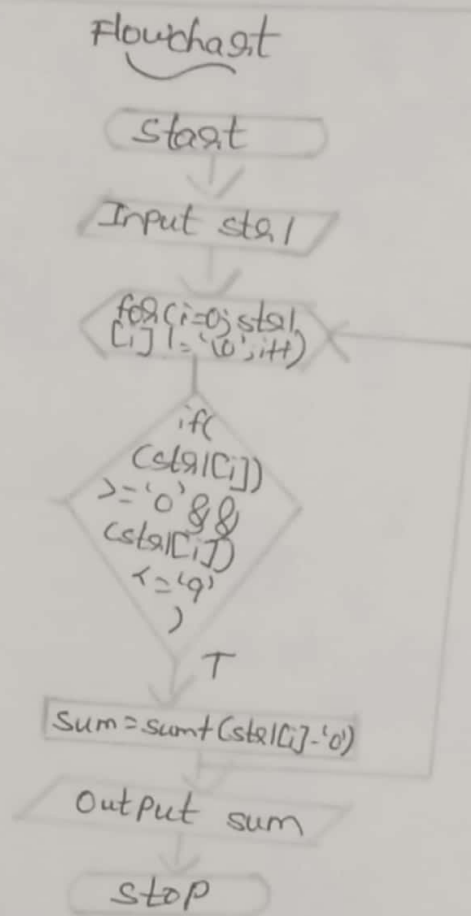
sum = sum + (str[i] - '0')

}

[End if]
[End for]

step 4 - output sum

step 5 - stop



output

Enter the string

2020 1996

sum of numbers in string 29