

Write a program to find Number of digits in an integer

Description

Take an integer as the input from the user and then calculate the number of digits in the given input and print it as the output.

Input

3241

Output

4

Input

6

Output

1

C Program

```
#include <stdio.h>
int main()
{
    int num,count=0;
    printf("enter the number: ");
    scanf("%d",&num);
    if(num==0)
        printf("digit is 1");
    else
    {
        while(num!=0)
        {
            num=num/10;
```

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```
    ++count;
}
printf("Number of digits is : %d",count);
}
return 0;
}
```



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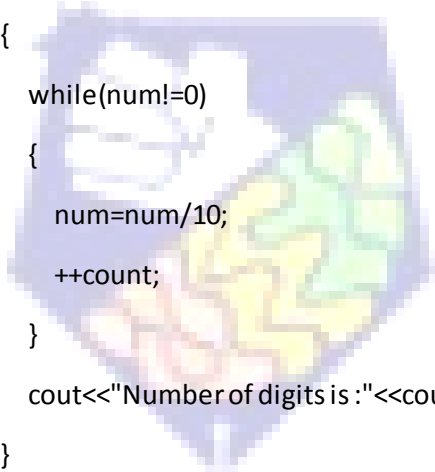
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C++ Program

```
#include <iostream>

using namespace std;

int main()
{
    int num,count=0;
    cout<<"enter the number: ";
    cin>>num;
    if(num==0)
        cout<<"digit is 1";
    else
    {
        while(num!=0)
        {
            num=num/10;
            ++count;
        }
        cout<<"Number of digits is:"<<count;
    }
    return 0;
}
```



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Java Program

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter an Integer: ");
        int num = sc.nextInt();
        int count = 0;
        if(num==0)
            System.out.print("Number of Digits = 1");
        else{
            while(num !=0)
            {
                count++;
                num = num / 10;
            }
            System.out.print("Number of Digits is "+count);
        }
    }
}
```

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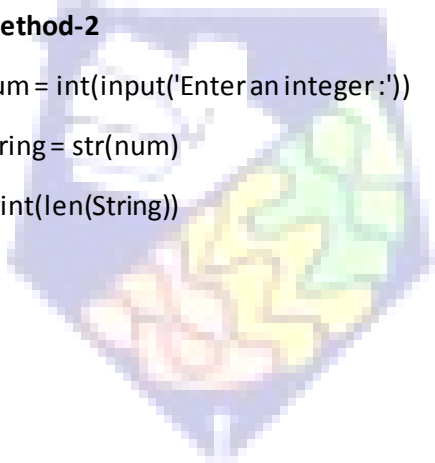
Python

Method -1

```
num = int(input('Enter an integer:'))  
count=0  
if(num==0):  
    print("Number of digits is 1")  
else:  
    while(num!=0):  
        num=num//10  
        count=count+1  
    print("Number of digits is ",count)
```

Method-2

```
num = int(input('Enter an integer:'))  
String = str(num)  
print(len(String))
```



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