

Week 5 : Programming Assignment 2

Write a C program to count total number of digits of an Integer number (N).

Sample Test Cases

	Input	Output
Test Case 1	45667	The number 45667 contains 5 digits.
Test Case 2	87	The number 87 contains 2 digits.
Test Case 3	3008	The number 3008 contains 4 digits.
Test Case 4	123456	The number 123456 contains 6 digits.

```
#include <stdio.h>
int main()
{
    int N;
    scanf("%d",&N); /*The number is accepted from the test case data*/
```

```
int temp, count;
count=0;
temp=N;
while(temp>0)
{
    count++;
    temp/=10;
}
printf("The number %d contains %d digits.",N,count);
}
```