

```
"""This program counts the number of digits in a given number
1. Take number as input from user
2. initializ a variable d_c to zero
3. put while loop till the number is greater than 0
4. reduce number by dividing by 10
5. increment the d_c
6. End of while loop print d_c
"""
num1=num2=input("Enter any number: ") # storing the value is two variable
d_c = 0 # initialize to 0
while num1 > 0:
    num1 = num1/10
    print num1
    d_c = d_c + 1

print "Number of digits in a given number %d is %d" %(num2,d_c)
```