Week 03 : Programming Assignment 3

Complete the code segment to count number of digits in an integer using while loop.

(Remember to match the output given exactly, including the spaces and new lines)

(passed with presentation error means you will always get full marks)

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1	123456	6	6	Passed

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

Assignment submitted on 2025-02-11, 21:53 IST

Your last recorded submission was :

```java
import java.util.Scanner;
public class W03_P3{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int num=sc.nextInt();
//Use while loop to count number of digits in an integer

int count = 0;

        while (num != 0) {
            num = num / 10;
            count++;
        }

        System.out.print(count);

}
}
```

Sample solutions (Provided by instructor)

```java
import java.util.Scanner;
public class W03_P3{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int num=sc.nextInt();
int count = 0;

        while (num != 0) {
          // num = num/10
          num /= 10;
          ++count;
        }

        System.out.print(count);
}
}
```