

Problem Set 2 Exercise #01: Count Digits

Reference: Lecture 5 notes

Learning objective: Repetition statements

Estimated completion time: 10 minutes

Problem statement:

Write a program **count_digits.c** to count the number of digits in a given positive integer.

Sample run #1:

```
Enter a positive integer: 80071
Number of digits = 5
```

Sample run #2:

```
Enter a positive integer: 1212321
Number of digits = 7
```