Practice S10P01: Sum Digits in an Integer

http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html

Week of release: Week 10

Objectives: Recursion

Task statement:

Write a program **sum_digits_recursion.c** to read a non-negative integer *n* and call a recursive function:

<code>int sumDigits(int n)</code>

to sum up the digits in *n*.

Sample runs:

```
Enter a non-negative integer: 970517
Sum of its digits = 29

Enter a non-negative integer: 9080706
Sum of its digits = 30
```