

**Assignment 3:** Recursive Sum of Digits

**Objective:** Compute the sum of digits of a number using recursion.

**Instructions:**

1. Write a recursive function `sum_of_digits(n)` that calculates the sum of the digits of a non-negative integer `n`.
2. The function should:
  - Return 0 if `n` is 0.
  - Otherwise, return the last digit of `n` plus the sum of digits of `n` divided by 10.