

January 2025 CSE 316
Online on 8086 Assembly Language
Subsection: B2

Time: 40 minutes + 5 minutes(submission)

Given a positive integer n , you need to find the sum of its digits. You must implement a recursive function to solve the problem. This function should take n as a parameter and return the sum of digits. You should calculate this sum recursively. You need not take n as user input. You also do not need to print the sum to the console. Assume that $0 < n < 65535$.

Example 1:

Input :

253

Output:

10

Example 2:

Input :

23126

Output:

14