

Lab Assignment-1 Question-4

ECSE379L: Programming using C++

Name: Tanvi Penumudy

Enroll no: E18CSE187

Question 4: Find the sum of digits of a given integer number

Algorithm: (Stepwise)

Step 1: Start

Step 2: Declare all the required variables and initialize sum to 0

Step 3: Input a number n

Step 4: While $n > 0$ execute Step-4.1 to 4.3 otherwise, goto Step-5

Step 4.1: Compute remainder $rem = n \% 10$

Step 4.2: Compute $sum = sum + rem$

Step 4.3: Compute $n = n / 10$

Step 5: Display sum

Step 6: Stop

Flowchart: (Next Page)

Name: Tanvi Penumudy
Enroll no: E18CSE187

