Question 25 . Write an algorithm to find sum of the digits of a number

Algorithm:

Step 1: Start the program

Step 2: Get N value

Step 3: Sum = 0

Step 4: A > 0

Step 5: Rem = A%10

Sum = Sum + Rem

A = A/10

Step 6: Display Sum

Step 7: Stop the program

Pseudo code:

BEGIN

GET N

SUM = 0 ; A > 0

Rem = A%10

Sum = Sum + A

A =A /10

PRINT Sum

END