

Algorithm and flowchart for Sum of digits program.

Algorithm:

Step 1: Start

Step 2: Declare integer n, t, r & initialize $\text{Sum} = 0$

Step 3: Enter the Integer.

3.1 Receive the Integer

Step 4: Initialize $t = n$

Step 5: Check Condition:

5.1 while ($t \neq 0$)

5.2 { $r = t \% 10;$

5.3 $\text{Sum} = \text{Sum} + r;$

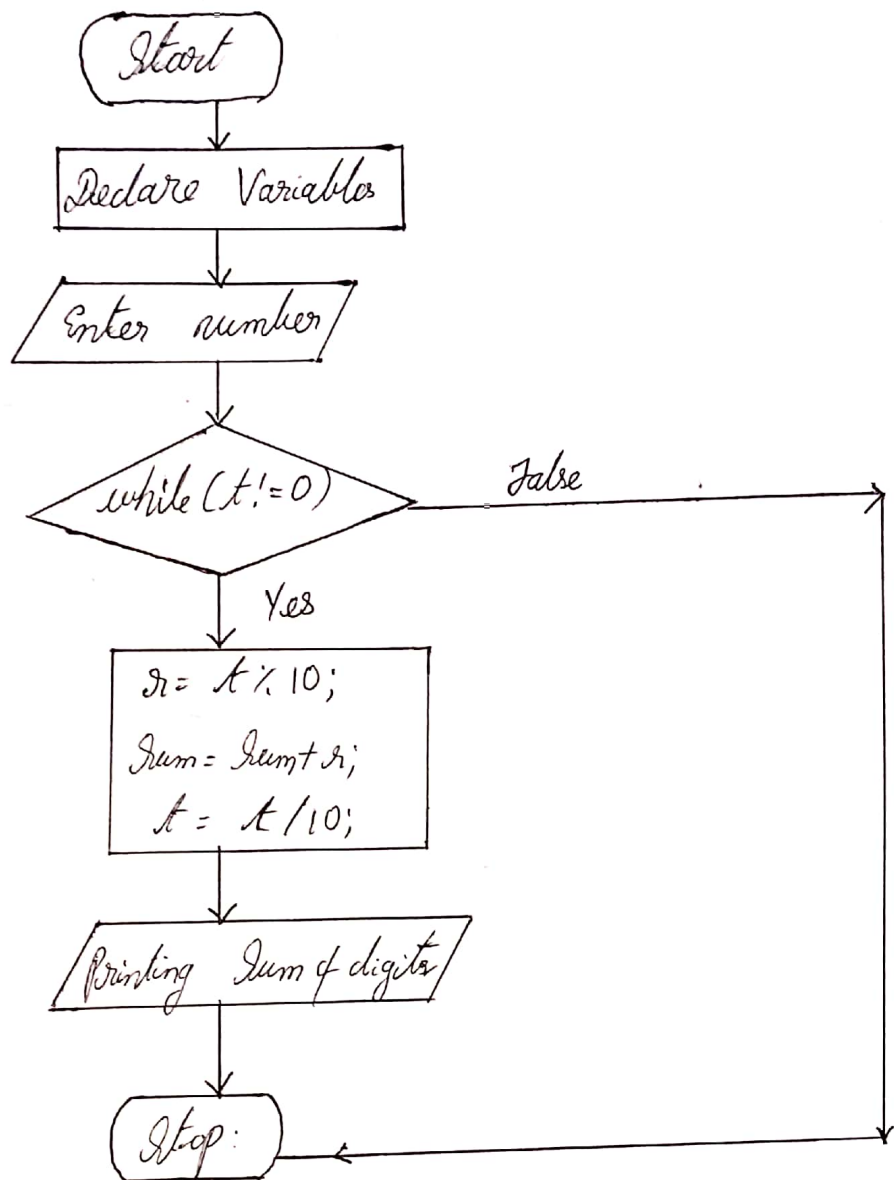
5.4 $t = t / 10;$

}

Step 6: Print Sum of digits

Step 7: Stop

Howchart:



Status Successfully executed Date 2020-05-30 07:53:01 Time 0 sec Mem 9.424 kB



Input

121

Output

Enter an integer
Sum of digits of 121 = 4