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9) C program to find sum of digits of number

Algorithm

1. Start

2. Read 'n'

3. Initialize sum=0;

4. while (n! = 0)

   4.1   m = n % 10;

          sum = sum + m;

          n = n/10;

5. Display sum

6. Stop.

Flowchart:

Start

read n

Sum = 0

n != 0

False

True

m = n % 10;

sum = sum + m;

n = n / 10;

Print sum

Stop