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'G' section

4AL19CS109

Q) C program to find sum of digits of number

Algorithm

1. Start

2. Read 'n's

3. Initialize Sum = 0;

4. While (n != 0)

4.1 m = n % 10
    Sum = Sum + m;
    n = n/10;

5. Display Sum;

6. Stop

Flow chart

```
        ( Start )
            |
            v
      / read h /
            |
            v
      | Sum=0 |
            |
            v
         < h!=0 >
            | T
            v
      | m = h % 10;   |
      | Sum = Sum+m   |
      | h = h/10;     |
            |
            v
      / Print Sum /
            |
            v
        ( Stop )
```