

10. Write a java program to find the sum of the digits of a given no.

Algorithm: 1. Start

2. Read input a

3. Initialize  $\text{temp} = a, \text{sum} = 0, b = 1$

4. Check while  $\text{temp} > 0$

5. If 4 is true then process  $b = \text{temp} \% 10; \text{sum} += b;$   
 $\text{temp} = \text{temp} / 10;$

6. Print the sum of the digits

7. Stop

Flowchart:

