**2) Write an algorithm and flowchart to calculate the sum of each individual digit of a given positive integer value.**

**Eg: (424) 4+2+4=10**

**Algorithm:**

**Step-1:** Start

**Step-2:** Declare variables number ,sum and reminder

**Step-3:** Initialize sum equal to zero

**Step-4:** Read the number and check whether number is Zero

**Step-5:** Get the reminder of the number by modulo division

**Step-6:** Add the reminder of the number to the sum

**Step-7:** Divide the number by 10 and store it in number.

**Step-8:** Repeat from step5 until the number equal to zero

**Step-9:** Display the sum .

**Step-10:** Stop

