**Write an algorithm and draw a flowchart to calculate the sum of each individual digit of a given positive integer value. (111—->1+1+1=3)**

**ALGORITHM:**

**Step 1:** Start.

**Step 2:** Declare variable n, sum and remainder.

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

**Step 4:** Read the number

**Step 5:** Get the remainder of the n by using modulo(division).

**Step 6:** Add the remainder of the n to the sum.

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

**Step 8:** Repeat step5 until the n equal to zero.

**Step 9:** Display the sum

**Step 10:** Stop.