**Calculate sum of each individual digit of a given positive integer**

**Algorithm**

**Step 1**: Start

**Step 2**: Declare a variable n,r,sum .

**Step 3**: Initialize sum as zero.

**Step 4**: Read n.

**Step 5**: check whether n is greater than zero, if greater then go to step 6 else go to step 10.

**Step 6**: Get the remainder of the given number and store it in r.

**Step 7**: Add sum and remainder and store it in sum.

**Step 8**: Divide the n by 10 and store it in n.

**Step 9**: Repeat from step 5 until n becomes less than zero.

**Step 10**: Display sum.

**Step 11**: stop

**FlowChart**

