**Q2.Calculate the sum of each individual digit of given positive integer value.**

**Algorithm :**

Step 1: Start

Step 2: Declare variables **input,Sum,**and **rem.**

Step 3: read value from the user and store the value into **input.**

Step 4: Assign the **Sum,rem** as **0**

Step 5: Perform the condition if the **input** is greater than **0**, if it is true, move to the next steps.else goto step 10.

Step 6 : Perform Modulo operation on **input** value by **10** and Store into **rem.**

Step 7: Add the **rem** value into the **sum** and store the value as a **Sum**.

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

Step 9: Repeat **from** **step 5 to Step 8** until it becomes less than **0.**

Step 10: Display the **Sum.**

Step 11: Stop

**FlowChart :**