|  |  |  |
| --- | --- | --- |
| INPUT | OUTPUT | PROCESSING |
| Input a positive integer | Sum of all the digits in the number | First, Sum + Num MOD 1o  Then divide Num by 10 |

**IPO**

**PSEUDOCODE**

Start

Print “input a positive integer”  
 Input Num

Repeat

Sum = Sum + Num % 10

Num = Num / 10

Until Num = 0

Print “sum of all the digits you entered:” Sum

End

**FLOWCHART**

