STEP 1 : START

STEP 2 : Accept num

3 : Initialize sum = 0

4 : Remainder = num MOD 10

5 : rem = rem + sum (sum)

6 : num = num / 10

7 : if num > 0 then goto step 4

8 : display sum

9 : Stop.


```
        ( START )
           |
           v
      / input num /
           |
           v
      | sum = 0 |
           |
           v
   ->  | rem = num % 10 |
  |        |
  |        v
  |   | sum = rem + sum |
  |        |
  |        v
  |   | num = num / 10 |
  |        |
  |        v
  | yes  / if \
  <-----<  num > 0 >
           \    /
             |
             | No
             v
      / print sum /
           |
           v
       ( STOP )
```