

PimSon D'Souza

C Program to find sum of numbers in a  
Algorithm

- 1) start
- 2) Enter string, i, sum = 0
- 3)  $\{ \text{for } (i=0; \text{str}[i] \neq '\0'; i++)$   
     $\{ \text{if } ((\text{str}[i] > '0') \& \& (\text{str}[i] < '9'))$   
         $\{$   
             $\text{sum} += (\text{str}[i] - '0');$   
         $\}$   
     $\}$
- 4) output sum of all digits
- 5) stop

Flowchart:-

