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Batch:62

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Lab Report 4:  
Problem: Write a C program to calculate the sum of each digit of a long number.

Sample Input Output:  
  
 Input Output  
   
 123 6  
 123uyc 6

Code:  
  
  
#include <stdio.h>

#include <string.h>

int main() {

char c[1000];

printf("Enter a string: ");

scanf("%s", c);

int sum = 0;

int length = strlen(c);

for (int i = 0; i < length; i++) {

char curChar = c[i];

if (curChar >= '0' && curChar <= '9') {

int digit = curChar - '0';

sum += digit;

}

}

printf("Sum of digits = %d\n", sum);

return 0;

}