// Online C++ compiler to run C++ program online

#include <iostream>

using namespace std;

/\*

Input : Herman435Mill678er43

Output 1 : 435 + 678 + 43 = 1156

Output 2 : 4 + 3 + 5 + 6 + 7 + 8 + 4 + 3 = 40

\*/

//Take string as a input

//for each char if = char next else

/\*

{

Lopp

if(char)

found

next

else

{

found\*10+newnumber

//second case not needed

}

}\*/

bool checkIsDigit(char digit)

{

if(digit>=48 && digit <=57)

return true;

else

return false;

}

int main() {

// Write C++ code here

//std::cout << "Hello world!";

//First Take input

//65 97 48

while(1)

{

//string strInput= "SRI62ram7kumar834sa42";

string strInput;

cout << "Enter a string Input";

cin >> strInput;

cout <<endl<< strInput<<endl;

int nInputSize = sizeof(strInput);

//cout<<nInputSize<<endl;

int sum2 = 0;

bool isFound = false;

int sum1 = 0;

for(int i=0;i<nInputSize;i++)

{

int temp = 0;

if(checkIsDigit(strInput[i]) == true)

{

isFound = true;

temp = (strInput[i]-48);

while(checkIsDigit(strInput[++i]) == true)

{

temp = temp\*10 + (strInput[i]-48);

}

sum1 = sum1+temp;

}

}

for(int i=0;i<nInputSize;i++)

{

if(checkIsDigit(strInput[i]) == true)

{

sum2 = sum2 + (strInput[i]-48);

}

}

cout << sum1<<endl;

cout << sum2<<endl;

}

return 0;

}