

SOURCE CODE

```
/**
    CECS 282 LAB 1, Problem 1: Sums the odd digits in a given string
    @file Lab1.1.cpp
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    @version 5.11 8/27/20
*/

#include <iostream>
#include <string>

using namespace std;

int main()
{
    cout << "Input string: ";

    int inputnum;

    cin >> inputnum;

    int sum = 0;

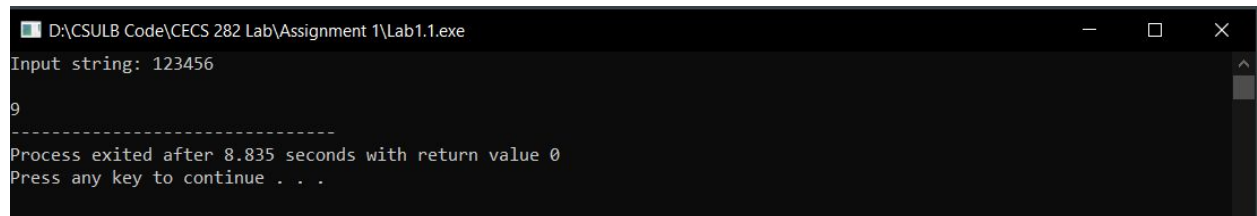
    int i = 0;

    while(inputnum > 0){
        int digit = inputnum%10;
        inputnum /= 10;
        if(i%2 == 1){
            sum += digit;
        }
        i++;
    }

    cout << endl << sum;

    return 0;
}
```

RUNTIME OUTPUT



```
D:\CSULB Code\CECS 282 Lab\Assignment 1\Lab1.1.exe
Input string: 123456
9
-----
Process exited after 8.835 seconds with return value 0
Press any key to continue . . .
```

The image shows a screenshot of a Windows command prompt window. The title bar at the top reads "D:\CSULB Code\CECS 282 Lab\Assignment 1\Lab1.1.exe". The window has standard Windows window controls (minimize, maximize, close) on the right. The command prompt shows the following text: "Input string: 123456", followed by a line with the number "9". Then there is a separator line consisting of ten dashes. Below the dashes, it says "Process exited after 8.835 seconds with return value 0" and "Press any key to continue . . .". A vertical scrollbar is visible on the right side of the command prompt window.