

COP1334C - Assignment #1

(*Sum the digits in an integer*) Write a program that reads an integer between **0** and **1000** and adds all the digits in the integer. For example, if an integer is **932**, the sum of all its digits is **14**.

Hint: Use the **%** operator to extract digits, and use the **/** operator to remove the extracted digit. For instance, **932 % 10 = 2** and **932 / 10 = 93**.

Program Output (with Input Shown in Bold):

Enter an integer between 0 and 1000: **999**

The sum of all digits in 999 is 27.

Submission Instructions:

Click on the D2L Assessments > Assignments > Assignment #1 link and upload your program named ***sumdigits.cpp***.