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| LEARNING PROFILE FOR CountDivisors | | | | | |
| *Name* | *:* | *Tyler Lucas* | *Due Date* | *:* | *N/A* |
| *Student ID* | *:* | *3305203* | *Submission Date* | *:* | *N/A* |

# Problem Statement

Textbook example program.

# Description of the Code

This program reads a positive integer from the user. It counts how many divisors that number has, and then it prints the result. Also prints out a period for every 1 million integer checks (loops). I added a bit that prints out the divisors, as well.

# Errors and Warnings

No errors.

# Sample Input and Output

[Version 1.0]

Enter a positive integer: 9876543

.........

The number of divisors of 9876543 is 8.

[Version 1.1]

Enter a positive integer: -1

That number is not positive. Please try again.

9876543

.........

The number of divisors of 9876543 (including 1 and itself) is 8, as follows:

1, 3, 227, 681, 14503, 43509, 3292181, 9876543

# Discussion

The while (true) { … if (test) { break; } } method seems awkward, especially for this short example, so I removed it.