

CS201 Computer Science I

Date: 10/14

Goal: To exercise the idea of interactive programming

Problem: division of integer numbers

Description: Write a program which performs division of two integers. The numerator is in the range of 1 to 100, and the denominator is non-zero. Your program should continue to ask for two numbers for division. It terminates only when the numerator is out of range. Your program should make sure the denominator is indeed a valid number (i.e. non-zero).

Hint: This is a nice exercise for you to practice using a mixture of *while* and *do/while* loops.

Output: A sample output

```
Enter the numerator in the range of 1 to 100: 20
Enter the denominator: 0
Enter the denominator: 40
The result of division is 0.5
Enter the numerator in the range of 1 to 100: 0
Have a great day!
```