CSCI122 C⁺⁺ PROGRAMMING II

Chapter 7 Assignment Directions

Due: the date and time are listed under the Chapter Assignments link in Blackboard

ASSIGNMENT	PAGE(S)	SPECIAL NOTES / INFORMATION
Read Chapter 7	467-511	Textbook: • Please read the chapter
View the Chapter Resources		Blackboard:Chapter 7 (link)Chapter Resource Information (link)
Programming Exercise 7a-e: Calculator Program Important Note: follow the book directions exactly along with coding the output to look like the print screens (below, pages 1-3) to receive full credit	519-520	Blackboard & Textbook: • Chapter 7 (link) • Assignment & Quiz Information (link) • C7Ex7a-e: Calculator Program Upload (link)
Quiz		 Blackboard: Chapter 7 (link) Assignment & Quiz Information (link) Chapter 7 Practice Quiz (link) optional Chapter 7 Quiz (link)

PROGRAMMING EXERCISE 7 OUTPUT: D:\W2021\CSCI122 C++ II\aaDesign_DataStructure\Assignments\C7\C7E... X This program performs operations (+, -, *, /) on fractions. You will be prompted for the Numerator and Denominator for each fraction. 1 : To add fraction : To subtract fraction : To multiply fraction : To divide fraction : To exit the program The user entered option 1 (add fractions) and the output, to the left, is displayed. Please enter a Menu Option listed above: 1 \checkmark The output for options 2. 3. and 4 is identical For Fraction 1: except for the Operation Result line, which Please enter the Numerator: 2 will change to -, *, or /. ✓ Pay attention to the different pause screen Please enter the Denominator: 6 messages (Press any key ...) so unnecessary For Fraction 2: points are not deducted. Please enter the Numerator: 3 Please enter the Denominator: 6 Operation Result: 2/6 + 3/6 = 30/36Press any key to clear the screen and display the Menu ...

Instructor: Cheryl Miller Page 1

After pressing the Enter key (the screen clears, and the menu displays so the user can make another choice):

```
D:\W2021\CSCI122 C++ II\aaDesign_DataStructure\Assignments\C7\C7E... — X

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This program performs operations (+, -, *, /) on fractions.

You will be prompted for the Numerator and Denominator for each fraction.

1 : To add fraction

2 : To subtract fraction

3 : To multiply fraction

4 : To divide fraction

9 : To exit the program

Please enter a Menu Option listed above:
```

Output if the user selects an invalid menu option (I typed number 7):

After pressing the Enter key (the screen clears, and the menu displays so the user can make another choice):

```
D:\W2021\CSCI122 C++ II\aaDesign_DataStructure\Assignments\C7\C7E... — 

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This program performs operations (+, -, *, /) on fractions.

You will be prompted for the Numerator and Denominator for each fraction.

1 : To add fraction

2 : To subtract fraction

3 : To multiply fraction

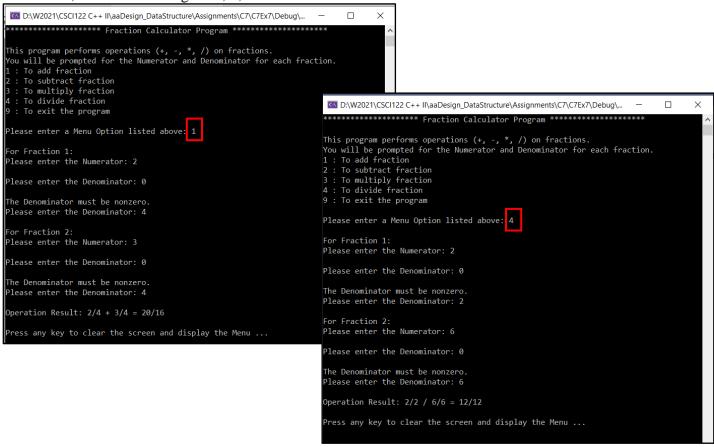
4 : To divide fraction

9 : To exit the program

Please enter a Menu Option listed above:
```

Output if the user selects option 9 to exit the program:

Output if the user types a zero for the denominator (same output for Options 1-4) <u>except</u> for the Operation Result line, which will change to -, *, or /:



DOCUMENTATION – TOP OF SOURCE CODE://Programmer:Your full name//Due Date:Date the program is due//Assignment:Chapter 7, Exercise 7a-e, Pages 519- 520//Description:Brief description of the program