

## POSTLAB #9 - CSE 1310

Q1.(15 points) Write functions to convert feet to inches, convert inches to centimeters, and convert centimeters to meters. Write a program that prompts a user for a measurement in feet and converts and outputs this value in meters.  
Facts to use: 1 ft = 12 inches, 1 inch = 2.54 cm, 100 cm = 1 meter.

Q2.(10 points) Write a function *multiply\_fractions* using pairs of integers for numerator and denominator. If your result has a zero denominator, display an error message and change the denominator to 1.

Example:

Numerator for first fraction: 1

Denominator for first fraction: 2

Numerator for second fraction: 1

Denominator for second fraction: 3

Result of fraction multiplication of 1/2 and 1/3 is 1/6.

### **Deliverables:**

E-mail the answers to all the questions to your lab instructor:

### **Sending E-Mail:**

You can use Pine to send the e-mail. First, type answers to all questions in a file using 'vi' or 'pico'. Attach this file with the e-mail and make the "Subject of message:" POSTLAB #9. Remember to send a copy to yourself just in case your instructor does not receive your message.