

## IT 210 – Fundamentals of Programming – Lab 3

This program requires you to write Python code that implements problem Business P3.34 in your text on page 148. That problem is restated here:

A supermarket awards coupons depending on how much a customer spends on groceries. For example, if you spend \$50, you will get a coupon worth eight percent of that amount. The following table shows the percent used to calculate the coupon awarded for different amounts spent. Write a program that calculates and prints the value of the coupon a person can receive based on groceries purchased.

Money Spent	Coupon Percentage
Less than \$10	No coupon
From \$10 to \$60	8%
More than \$60 to \$150	10%
More than 150 to \$210	12%
More than \$210	14%

Implementation requirements:

- Appropriately comment your code and include your name as a comment on the first line.
- The input should expect a floating point value for cost of groceries
- The value of the coupon must be printed with 2 decimal places and look like the examples below.

Sample runs (each of these is a separate run, no looping from chapter 4 allowed):

Please enter the cost of your groceries: <b>8.58</b> You do not qualify for a discount coupon.
Please enter the cost of your groceries: <b>59.99</b> You win a discount coupon of \$4.80. (8% of your purchase)
Please enter the cost of your groceries: <b>60</b> You win a discount coupon of \$6.00. (10% of your purchase)
Please enter the cost of your groceries: <b>209.95</b> You win a discount coupon of \$25.19. (12% of your purchase)
Please enter the cost of your groceries: <b>375.40</b> You win a discount coupon of \$52.56. (14% of your purchase)

Submit a copy of the lab to the Lab 3 D2L dropbox not later than **11:59 pm Thursday** evening. Name your file Lab03.py.