

## 2. calories.py (30 points)

Write a program that calculates following and display Grams of fat, Fat calories, Grams of carbs, Carb calories in 2 decimal positions.

the number of calories that result from the fat using formula:

$$\text{Calories from fat} = \text{fat grams} * 9$$

the number of calories that result from the carbohydrates using formula:

$$\text{Calories from carbs} = \text{carb grams} * 4$$

### **Hints:**

Declare local variables under main() program

Prompt the user to enter grams\_fat and grams\_carbs

Calculate calories from fat

Calculate calories from carbs

Define a function to display resulting calories - def showCarbs(gramsFat, gramsCarbs, caloriesFat, caloriesCarbs): **Note:** This function will be called from main

### **Sample Output:**

If fat grams consumed entered is 87

If carbohydrate grams consumed entered is 39 then the output would be:

Grams of fat: 87.00

Fat calories: 783.00

Grams of carbs: 39.00

Carb calories: 156.00