**Exercise 2.4**

(Objective 2.9,2.10)

**1. What is x after the following statements?**

x = 1

y = 2

x \*= y + 1

**A. x is 1**

**B. x is 2**

**C. x is 3**

**D. x is 4**

**2. Write a program that asks the user to enter the purchase amount and then displays the sales tax. Assume the sales tax is 6% of the purchase.**

**Sample run**

Enter purchase amount: 197.55

Sales tax is 11.853

**Steps you could follow**

Step 1: get input from user for the purchase amount, store it into variable “price”

Step 2: calculate the sales tax, store it into variable “tax”

Step 3: display the sales tax

**3. Continue question 2, how to modify your program and let it display the sales tax with two digits after the decimal point.**

**Hint: use round function**