In class exercises

- Write a statement that stores the value 102.56 in a variable named `subtotal`
- Multiply the value stored in `subtotal` by .15 and store the result in a variable named `total`.
- Write one python statement that displays the following:

```
The total is $ 15.38
```

(where 15.38 is the value stored in `total`)

- Alter the print statement so the output is:

```
The total is $15.38
```

Exercise

Write a program that prompts the user for their home state, town and zip code. The program should then display the information as it would appear in a mailing address.

Colchester, VT 05446

Exercise

Assuming there are no accidents or delays, the distance that a car travels down the interstate can be calculated with the following formula:

$$distance = speed\ x\ time$$

A car is travelling at 70 miles per hour. Write a program that displays the following:

- The distance the car will travel in 6 hours
- The distance the car will travel in 10 hours
- The distance the car will travel in 15 hours

WRITE THE PROGRAM: algorithm/pseudocode → Comments → Code

A modification

Now change it to get user input for speed to make the program more flexible. Be sure to change the case of the variable (it is no longer a constant).

Exercise

Write a program that will ask the user to enter the amount of a purchase. The program should then compute the state and county sales tax. Assume the state sales tax is 5 percent and the county sales tax is 2.5 percent. The program should display the amount of the purchase, the state sales tax, the county sales tax, the total sales tax and the total of the sale (sum of purchase plus taxes)

WRITE THE PROGRAM: algorithm/pseudocode → Comments → Code