**Exercise on variables and lists**

**Exercise 1.** Assume that we execute the following assignment statements:

width = 17

height = 12.0

delimiter = '.'

For each of the following expressions, write the value and the type of the expression.

1. width//2
2. width/2.0
3. height/3
4. 1 + 2 \* 5
5. delimiter \* 5

**Exercise 2.** Write a program that will convert Fahrenheit to Celsius in degrees.

Note: Celsius = (Fahrenheit – 32) \* (5/9)

**Exercise 3.** Write a program that takes seconds as time units and converts it to minutes and seconds.

For example: 3800 seconds results in 63 minutes and 20 seconds.

**Exercise 4.** Consider a list of any arbitrary elements. Your code should print the length of the list and first and fourth element of the list.

**Exercise 5.** Create a list of any arbitrary elements. Your code should show the list methods as pop, insert and remove.

Note: You are not allowed to use the example code provided from lecture. Try and come up with an example of your own.