Oblig 5 – Programmering 1.

**Oppgave 1.1**

a = 4

b = 2

c = (a + b) / b

print(c \*\* 2)

This prints: 9

**Oppgave 1.2**

Numbers = []

for x in range(5):

numbers.append(x)

print(numbers)

This prints: [0, 1, 2, 3, 4]

For loop and for range in 5, in this instance, starts at 0 and prints from 0 to 5, but not including 5. Important to remember.

Numbers = []

for x in range(5):

numbers.insert(x, 0)

print(numbers)

This prints: [0, 0, 0, 0, 0]

Insert method is used to insert an item at a specified index in a list. The method takes 2 arguments: the first is the index position in the list where you want to place your new item.

Second argument is the actual item you want to insert. So in this instance when we have a for loop (5), loop starts and 0, meaning it will insert to indexpos. 0 in the list, and then index 1, and so on, until it runs 5 times and last insert is to indexpos. 4 in the list. This creates a list with five zeros.