

Exercises: Choose and complete one or more of the following exercises.

1. Consider the following code snippets and give the results for each:

```
x = 5 % 3
x = x + 5
x = x - 6
x = x**2
print(x)
```

```
x = 7
y = 9
x = y % x
y = y + x
z = y / x
print(z)
```

2. Use variables to store each of your names (first, middle, and last) and print them out in the following orders:
 - a. First, Middle, Last
 - b. Last, First, Middle
 - c. Middle, First, Last
3. Find and print the slope for the lines created by each pair of coordinates .
Remember that slope = $\frac{y_2 - y_1}{x_2 - x_1}$
 - a. (1, 4), (2, 6)
 - b. (5, 10), (3, 12)
 - c. (34.5, 65.2), (81.6, 19.1)