

# CSCI-101 Programming 1

## Lab 4

### INSTRUCTIONS

Create a directory named **lab4** in your **labs** directory. Inside the **lab4** directory add the following classes.

1. Write a class named **Address** that models a mailing address and satisfies the following:

- A. The class has fields for street (String), city (String), state (String), and zip code (int).
- B. The class has a constructor that initializes the fields using data passed into the constructor.
- C. The class has a getter method and a setter method for each of the fields.
- D. The class overrides the **Object** class' **toString()** method to return the complete address.

2. Write a class named **Lab4** that satisfies the following:

A. Create a method named **main()** that does the following:

- i. Create two instances of the **Address** class using the following data:
  - i. 123 Main Street, Bridgewater, Virginia 22812
  - ii. 456 Washington Ave, Dayton, Virginia 22821
- ii. Change the first address to 123 Main Street, **Harrisonburg**, Virginia **22888**
- iii. Print both addresses that are stored in memory using the **Address** class' **toString()** method.