

# STIA1113 Programming I

## Exercises 1 (Displaying output).

1. Write, compile, and test a class that displays your full name, street address, city, state, and zip code on three separate lines on the screen. Save the class as Address.java.

2. Write, compile, and test a class that displays the following pattern on the screen:

```
  X
 XXX
XXXXX
XXXXXXX
  X
```

Save the class as Tree.java.

3. Write, compile, and test a class that displays the following pattern on the screen:

```
  *
 * *
* * *
 * *
  *
```

Save the class as Diamond.java.

4. Show the output of the following code:

```
public class Test {
    public static void main(String[] args) {
        System.out.println("3.5 * 4 / 2 - 2.5 is ");
        System.out.println(3.5 * 4 / 2 - 2.5);
    }
}
```

5. Can you identify and fix the errors in the following code:

```
public class Welcome {
    public void Main(String[] arg) {
        System.out.println('Welcome to Java!');
    }
}
```

6. How can you produce the following output using only a single `System.out.println()` statement?

Have a  
nice  
day!