Assignment 2

To Be Handed In by First Class of Week 8
- a printed copy of all code
- use NetBeans to print out the java code with line numbers

Note: before you print out your code you must
- use Source > Format to style the code
- make sure that the code does not run beyond the red line
  - the red line indicates the right side of the page
  - code that goes beyond the red line will cause the print out of unnecessary paper
- marks will be deducted for unformatted and excessive paper

To Be Submitted by Sunday March 1
- a zipped copy of your NetBeans project to the dropbox
  - use File > Export Project > To ZIP
  - the name of this file should be yourName_a1.zip

To Be Demonstrated
- must demonstrate the program to me
- it will not be marked until you have demonstrated the program to me
- if you are unable to explain the code, your mark is ZERO
- if you do not show me a running version of the program, your mark is ZERO

Remember
- this is to be an individual effort
  - do not work with anybody to complete the assignment
- a mark of zero will be given to "group efforts"
- use NetBeans to print out a copy of the code with line numbers
- at the beginning of class hand in the printed code
  - assignments not handed in at the beginning of class will be considered late
  - one mark will be deducted for each day that the assignment is late
  - at the end of the class show me a running version of the program

Marks
- appearance and coding efficiency will count for 50% of the marks
- meeting the basic requirements will count for up to 50% of the marks

Basic Code Requirements
- create a JavaFX project called OrderFX that has two folders
  - one folder that contains the Main class that has the start method
  - a content folder that contains two classes
    - one class called DisplayOrder that extends Stage
    - one class called Order

The Order Class
- has at least four private Strings to keep track of the Customer
  - orderID, firstName, lastName, city
  - each String has a get and set method
- has a minimum of four private integers to
  - keep track the number of each product ordered
  - each integer has a get and set method

The Main Class
- has a label and textfield for each private String that keeps track of the Customer
  - orderID, firstName, LastName, city
- has at least four different products that
  - can be either images or shapes
  - user can click to order
  - has a private integer that keeps track of the number ordered by the customer
- has a display button that
  - creates an Order object that
    - uses set methods to set all of the data
  - causes a single DisplayStage to appear
    - passes an Order object to the DisplayStage object constructor
    - uses only get methods to display the entire in the DisplayStage
  - marks will be deducted for more than one DisplayStage

The DisplayOrder Stage
- has only one constructor that takes an Order object as a parameter
- uses the get methods of the Order object to display the order

All classes in the project should contain
```
/**
Your Name
Your Student Number
Assignment 2
Date
*/
```