

## Assignment 1

### To Be Handed In by Tuesday January 21

- 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 Tuesday January 21

- a zipped copy of your NetBeans project to the dropbox by Wednesday
  - 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 will count for 40% of the marks
- meeting the basic requirements will count for up to 60% of the marks

## Basic Code Requirements

- create a JavaFX project called MyInitials that has three folders
  - a myinitials folder that contains the class that has the start method
  - a content folder that contains two classes that extends Stage
  - an images folder that contains an image
- the project, when run, should display three windows(stages)
  - all three windows should appear beside each other
    - not on top of each other
- the primaryStage should only contain
  - calls to the other two stages
  - an image of your choice
- the two other windows (stages) should
  - contain one of your initials
  - are located in a folder called content
- each initial
  - to be displayed in its own window (stage)
    - should be in a class that extends Stage
  - to be created using objects found in the Shapes package
  - use Rectangles, Ellipses, Circles and Arcs as appropriate
    - do not use lines
  - must use at least three different shapes
- must use different fill colors, strokes and stroke colors for each initial
- your full name should appear along the top of each window (Stage)
  - use a Text object for your name
- each Stage should have a title in the form
  - Primary Stage – Your Name
  - First Initial – Your Name
  - Second Initial – Your Name
- the first lines of your code should contain

```
/**
Your Name
Your Student Number
Assignment 1
Date
*/
```