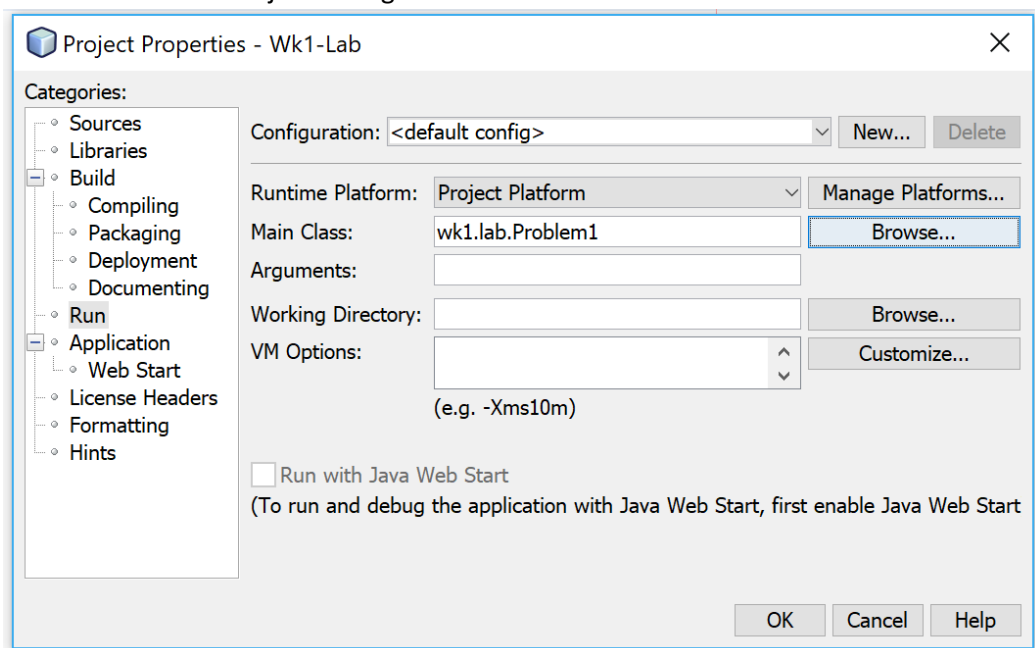# CS II: Data Structures
Lab Week 1

Working with Java

Part-0

- Download the Week 1 lab Zip file from ICON.
- Open NetBeans and create a new project
- How to run your project:
  - In NetBeans, go to top menu:
    - Run -> Set Project Configuration -> Customize

  -
  - Set the Main Class to the class that you want to run. (E.g. Problem1, Problem2, Problem3)

Problem 1

- Create a new class in the src folder called, "Problem1"
- Copy and paste *Problem1.java* into your new class in NetBeans. Make sure the package name at the top of the file is still the same.

Goal:

Make the program run! There is an error in the starter file.

Goal: Print out "Hello Class!" with the 'hello' variable.

Problem 2

- Create a new class in the src folder called, "Problem2"
- Copy and paste *Problem2.java* into your new class in NetBeans. Make sure the package name at the top of the file is still the same.

Goal:

Fix this classic program of FizzBuzz. The starter code will take in a number N.

Loop through printing out the numbers 1 through N.

If the number is divisible by 3, print out "Fizz" If the number is divisible by 5, print out "Buzz" If the number is divisbile by both, print out "FizzBuzz"

Problem 3

- Create a new class in the src folder called, "Problem3"
- Copy and paste *Problem3.java* into your new class in NetBeans. Make sure the package name at the top of the file is still the same.

Goal:

Fill out the various methods for this calculator. The main method is already filled out for you.