

# Java Homework 1

## 1. Reading assignment:

Chapter 2 -

<http://math.hws.edu/javanotes/c2/index.html>

Section 1: The basic Java application -

Section 2: Variables and the Primitive Types

Section 3: Strings, Classes, Objects, and Subroutines

Section 5: Details of Expressions

Chapter 3 -

<http://math.hws.edu/javanotes/c3/index.html>

Section 1: Blocks, Loops, Branches

## 2. Install a free text editing software called Sublime Text 3, available on Windows and Mac.

<http://www.sublimetext.com/3>

**Very important:** It is required to use Sublime Text to create/edit the source code for your programming homework.

## 3. Programming:

1> Write a program that prints the numbers from 1 to 100. For even numbers, print the number followed by " is an even number", for odd number, print the number followed by " is an odd number". Running your program will result in the following:

```
1 is an odd number
2 is an even number
3 is an odd number
4 is an even number
..... continues to 100
```

2> (Optional) Write a program that prints the numbers from 1 to 100. But for multiples of three print "Fizz" instead of the number (in other words, if the number is divisible by 3, print "Fizz" instead of the number) and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz". Running your program will result in the following:

```
1
2
Fizz
4
Buzz
Fizz
7
.....
14
FizzBuzz
16
.....
continue to 100
```