Administrative Details

- Lab 1 handout/PDF
- Prelab (should be completed before lab):
  - Lab 1 design doc
  - Use Boggle design doc as model - no real code!
- TA hours start on Wed

Last Time

- Hello.java
  - Write a program that prints “Hello” to the terminal

Hello.java

```java
/*
 * This program prints out a message to the terminal.
 */

public class Hello {
    public static void main(String[] args) {
        System.out.println("Hello.");
    }
}
```

Today’s Outline

- Continue Java refresher
  - Sum.java
    - Write a program that adds two integers together and returns the sum
    - Use command-line args and Scanner
  - Object-Oriented Program (OOP) Design
    - Basic concepts
    - Java-specific features

Sum1.java

```java
/*
 * A program to add together two numbers from command line args.
 */

public class Sum1 {
    public static void main(String[] args) {
        int a = Integer.valueOf(args[0]);
        int b = Integer.valueOf(args[1]);
        System.out.println("Answer is " + (a+b));
    }
}
```
Sum2.java

import java.util.Scanner;
/*
 * A program to add together two numbers from the terminal.
 */
public class Sum2 {
    public static void main(String[] args) {
        // Create a new scanner, read in two integers, and print their sum.
        Scanner in = new Scanner(System.in);
        System.out.print("Give me a number: ");
        int n = in.nextInt();
        System.out.print("Give me another number: ");
        int n2 = in.nextInt();
        System.out.println("Answer is "+(n+n2));
    }
    
    }