COS126 First Programming Activity

- Pair Activity: Command-line arguments, Output
  - Driver:
  - Navigator:

- **Note:** you don’t need to type this all in. *An HTML copy of the template is available on the Precepts page.* Similar links will be provided for exercises throughout the course.

For reference, here is a copy of `HelloWorld.java`.

```java
/**
 * Name: Kevin Wayne
 * Login: wayne
 * Precept: P05
 *
 * By tradition, this is everyone’s first program.
 */
public class HelloWorld {
    public static void main(String[] args) {
        System.out.println("Hello, World");
    }
}
```

1. Modify `HelloWorld.java` to read in a *name* and an *age* from the command line (both handled as `String` arguments) and output: *name* is *age* years old.

```java
/**
 * Name:
 * Login:
 * Precept:
 *
 * Inputs 2 command line arguments. Outputs sentence using them.
 * Example of difference between print() and println().
 *
 * > java NameAge Alice 19
 * Alice is 19 years old.
 */
public class NameAge {
    public static void main(String[] args) {
        System.out.println("Hello, World");
    }
}
```
2. Now, modify NameAge.java to create NextYear.java. Use `Integer.parseInt()` to store age as an integer and output: Next year *name* will be *age+1* years old.

```java
public class NextYear {
    public static void main(String[] args) {
        // Code
    }
}
```

3. Recommended Book Exercises after you have installed java and DrJava: 1.1.1 thru 4.

4. Recommended Book Exercise after you have read thru page 22: 1.2.7.