

## **Programming Assignment 1: Introduction to Java**

### **Total Points (20 points) - Due Wednesday, January 18<sup>th</sup> at 11:59 PM**

The main objective of this assignment is to get your IDE set up and successfully compile and execute your first Java program. There are many issues when you start to write your first program.

### **Learning Objectives**

After the successful completion of this learning unit, you will be able to:

- Use a Java IDE that has been installed on your computer
- Write and compile a Java program
- Execute and test a Java program using a Java IDE

### **Installing Java and Eclipse**

Follow the directions of the handout on installing Java and Eclipse, posted within the first week of the course schedule.

### **Web Sites [20 pts]**

Write a program that prints a list of three or four Web sites that you enjoy. Print both the site name and the URL.

**CLASS NAME:** Your program class should be called *WebSites.java*

#### **Sample Run:**

CNN News:  
`http://cnn.com`

Wikipedia:  
`http://wikipedia.org`

Technorati:  
`http://technorati.com`

Joel on Software (Joel Spolsky's Blog):  
`http://www.joelonsoftware.com`

College Humor:  
`http://www.collegehumor.com`

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### Submission Instructions

- Execute the program and copy/paste the output that is produced by your program into the bottom of the source code file, making it into a comment. I will run the programs myself to see the output.
- Make sure the run "matches" your source. If the run you submit could not have come from the source you submit, it will be graded as if you did not hand in a run.
- Use the Assignment Submission link to submit the source code file.
- Submit the following file:
  - WebSites.java
- Do not submit **.class** files.

### Standard program header

Each programming assignment should have the following header, with italicized text, appropriately replaced.

```
/*  
 * Class: CS1A  
 * Description: (Give a brief description of Assignment 1)  
 * Due date:  
 * Name: (your name)  
 * File name: WebSites.java  
 */
```

### Avoiding Point Loss

- **Always** include both *source* and *run*.
- **Do not** add or change any characters on the console output lines.
- **Indent** correctly and convert all tabs to 3 spaces each

### Hints and Tips

- Eclipse is a complex program, and it will take some time to get used to it. Fortunately, there is an excellent help system, so long as you know the trick to using it.
- Select **Help > Help Contents** from the main menu. This should open a new browser window.
- By default, Eclipse stores files in the **workspace** subdirectory of your home directory, so if you need to find your source files to submit an assignment, then that's where they should be.
- If you can't find them there, then select **File > Switch Workspace** to figure out where Eclipse is storing things. Be sure to hit <Cancel> afterwards, though, to prevent accidentally changing your workspace.
- Please note that Eclipse restarts itself when you instruct it to change workspaces!