

CSCI 161: Introduction to Programming I

Lab 2Stars **Due 9/16/08 by 11:59 PM**

Goals

- to use the concepts of procedural decomposition we have learnt so far

Overview

1. Start a new **project** in Java – call it “Lab2Stars” (one word)
2. Start a new **class** within the new project, call it “Stars”
3. Using **comments** to write your name and other relevant information
4. Notice that Eclipse will create the **class** called “Stars” and **method** called “main” for you. Also notice the indentations that occur after each curly bracket
5. Write a complete program to create the following figure – be sure to use static methods to capture the structure and eliminate redundancy from the output. There should be no println statements in your main method.:

Output Specification

```
*****
*****
 * *
 *
 * *

*****
*****
 * *
 *
 * *
*****
*****

 *
 *
 *
*****
*****
 * *
 *
 * *
```

6. Run the program, and then submit your work to **Hardy161 → Lab2Stars**. The file being submitted should be Stars.java

Input Specification

No input is required.

Required Methods

Use several static methods to eliminate redundancy.

Hints

Create a new project for this lab. The basic steps are the same as in the first lab. In Eclipse, go to File-> New -> Project and create a Java Project. Under "Project layout", be sure to select "Use project folder as root for sources and class files". Name your project (e.g."Lab2Stars"). Next create a new Java class file by clicking on the "New Java Class" button. Name the class (e.g., "Stars"). Under "Which method stubs would you like to create?", be sure to click on the box to create "main".