



CS 112 - Intro to Computer Science II - Java Homework Exercises (5 - 10 points each)

Chapter 17 - Programming Projects Handout #4

Project 1:

Write a GUI that will let the user sample borders. Include a menu named Borders that offers three options – beveled border, etched border, and line border – and submenus with the following options:

- Beveled border options: raised or lowered;
- Etched border options: raised or lowered;
- Line border options: small, medium, or large.
- Each line border submenu should have a submenu with three color options: black, red, and blue.

Put the borders around a JLabel containing text that describes the border, such as “**Raised Border**”, “**Lowered Etched Border**”, and so forth. Fix the highlight and shadow colors for the etched border options to whatever colors you like, and make the small line border 5 pixels wide, the medium one 10 pixels wide, and the large one 20 pixels wide.

