CST 238 Lab 5

Scribble

For this lab, you will write a scribble program that is analogous to Microsoft Paint. Your scribble program must have the following features:

1. A menu that includes at least Open, Save, About, and Exit. The About must display a dialog box that includes your name and email.
2. A toolbar that controls the drawing tools
3. The ability to draw: rectangles, ellipses, and lines
4. The ability to set the fill color and border color of your objects

The ability to save and restore, and to display dialog boxes will be covered on Friday, so for now you can create the menu items, but don’t worry about attaching any actions to the menu.

The layout and appearance of your toolbar is up to you, but it must be intuitive, and it must follow good design principles.

Hints:

1. If you want icons for your toolbar, since buttons can contain anything as content, you can place a rectangle in the button used to select rectangle drawing mode.
2. If you want to use color for your toolbar color picker, simply set the Background of the button to the color it will draw.

Scoring:

40 points Functionality described above is present and works appropriately. The functionality listed above is worth only 30 points. If you want the full 40, you need to go beyond what was described.

40 points Design of the UI. A simple but functional UI is worth 30 points. If you want the full 40, you need to do something special.

10 points User feedback form submitted along with your project, and issues mentioned in the feedback are addressed.

10 points Good coding practices