

CISC 3120 Fall 2012 Lab III.3

This lab is all about extending the `SimplePaint` example from class. Prof Parsons will hand out a copy of the files. Start by creating a project and adding the files to it.

1. More colors

- Right now the paint program always draws in blue. Add a new option to the Options menu that allows the user to select different colors.

2. More Shapes

- Right now the “pen” is always a circle. Add another option to the Options menu that allows the user to select different pen shapes.
- HINT: To get an oval pen, you just have to make the last two parameters of `fillOval()` different.
- HINT: `fillRect()`, which takes broadly the same set of parameters as `fillOval()` will allow you to draw squares and rectangles.
- HINT: if you start typing `g.fill` then Eclipse will give you information on the various options.

3. More drawing.

- Add an option to the MenuBar to allow the user to draw when the mouse button is not down.
- HINT: Remember that the mouse moving without the button down is a `mouseMoved` event.