

1. [100 pt] Create a GUI tool to help select foreground and background colors. The tool will create six sliders that can assume a value between 0 and 255 each. The six sliders correspond to three colors in the foreground and three in the background. Allow the user to enter a text and display the text in a window to see the colors. As the user moves the sliders, change the colors of foreground or background.

**Deliverable:** Your code, in electronic format as well as hard copy. The *e* format must be submitted on admiral, using the handin script in my directory `~sanjiv/bin/handin`. If you do the entire assignment in your directory *lastname.2* where *lastname* is your last name, you can submit it as

`~sanjiv/bin/handin lastname.3 cs464 3`