

CSCI 201L Programming Exam #1

Summer 2016

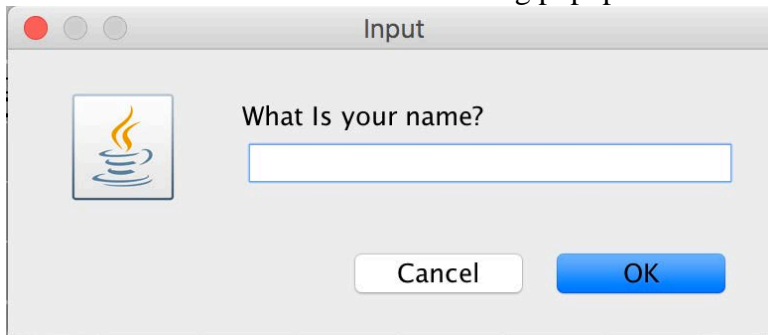
10% of course grade

Start with any version of the factory code that you want. You will need to first remove the slider and replace it with three buttons as shown in the screen shot.

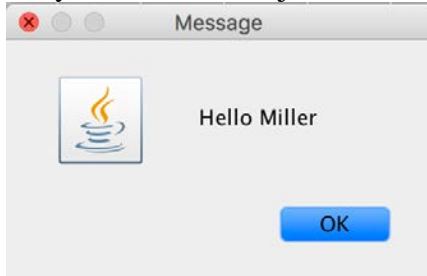


Button 1 should have its action executed when the user types Ctrl-1. Button 2 should have its action executed when the user types Ctrl-2. And Button 3 should have its action executed when the user types Ctrl-3.

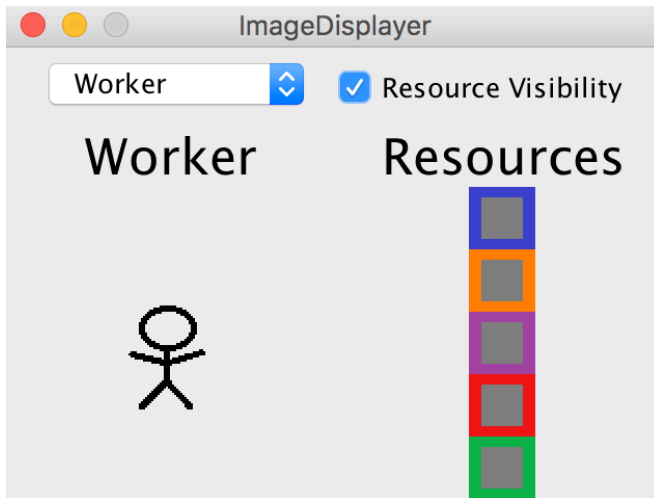
Button 1 will need to show the following popup box which asks for you name.



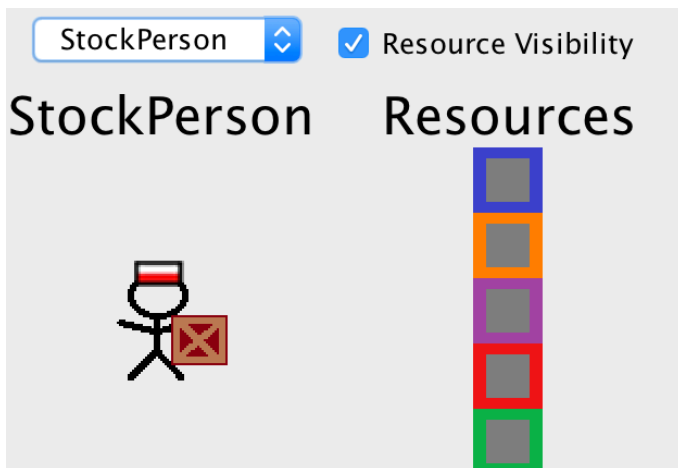
Button 2 will then need the display Hi <name> as shown in the image. If the name has not yet been entered, just have it say “Hello” with no name after it.



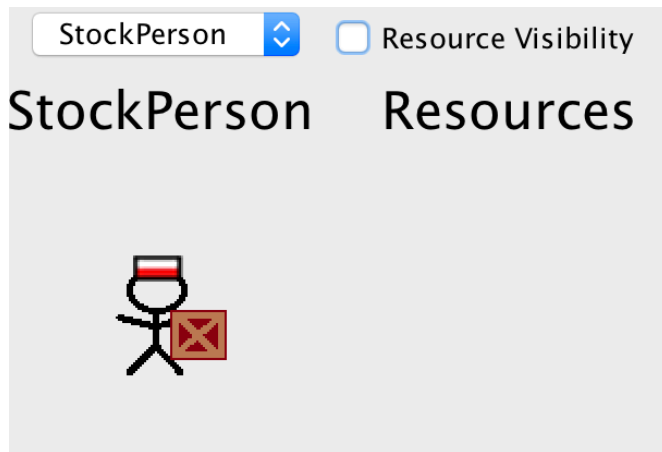
Button 3 will then create a new window that has the looks similar to the image below.



The drop down list should include Worker, Stockperson, and Task Board. The images that are displayed when an item is selected in the drop down list should be the same ones that are displayed in the factory.



The right side of the window will display the resources from the factory when the Resource Visibility checkbox is selected. When the checkbox is not selected, the resources will not be displayed, as shown below.



% of Final Grade	
1.0%	Buttons on main screen are located in the correct place
0.5%	Buttons on main screen look as shown
0.5%	Buttons work with the accelerators
1.0%	Popup for Button 1 looks as shown
1.0%	Popup for Button 2 looks as shown
0.5%	The name is dynamically inserted into the popup for Button 2
0.5%	Image Displayer Frame is titled appropriately
1.0%	Image Displayer Frame's UI is formatted as shown
1.0%	Left image is responsive to the ComboBox's selected item
0.5%	Left image displayed is same as shown in factory
0.5%	Left image label's font is larger than normal, as shown
1.0%	Right images are displayed as shown
1.0%	Right Images can be hidden based on status of check box