Create a window with 8 buttons (this may change, in the future, to 100 buttons so make sure to be able to do that easily, hint: use an array) organized in a 4x2 grid. Have the background color (see java class Color) of each button start at some random value (See java class Random).
 When a button is pressed, it should cause every OTHER button to change background color. The button pressed should not change background color at all.

Submit .java file only!