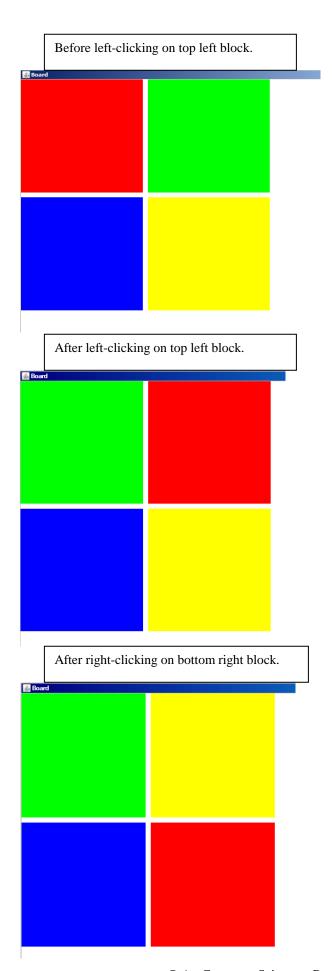
Lab Goal: This lab was designed to teach you more object oriented programming and how to write a very simple game.

Lab Description: Complete the code for the Board class located in Board.java. The Board consists of four Blocks. Each of the four Blocks is a different color. The Board class can be and will be used to write some games.

```
public class Board extends JPanel implements MouseListener
  private int width;
                                                                              Files Needed ::
  private int height;
  private Block topLeft;
                                                                             Locatable.java
  private Block topRight;
                                                                             Block.java
  private Block botLeft;
                                                                             Board.java
  private Block botRight;
                                                                             BlockGame.java
  //constructors
  public void paintComponent(Graphics window)
     super.paintComponent(window);
      //draw all four blocks
  public void swapTopRowColors()
  public void swapBottomRowColors()
  public void swapLeftColumnColors()
   }
  public void swapRightColumnColors()
   }
  public void mouseClicked(MouseEvent e)
     int mouseX=e.getX();
      int mouseY=e.getY();
     int mouseButton = e.getButton();
      if (mouseButton==MouseEvent.BUTTON1)
                                                    //left mouse button pressed
         //if mouse clicked on top left block - swap top left with top right
        //if mouse clicked on top right block - swap top right with top left
        //more checks for bottom left and bottom right
      //else check for right mouse button click
         //if mouse clicked on top left block - swap top left with bottom left
        //if mouse clicked on top right block - swap top right with bottom right
        //more checks for bottom left and bottom right
}
```



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