```java
package Java;

import java.awt.*;

import java.awt.event.*;

import javax.swing.*;

public class calc extends JPanel implements ActionListener {

JRadioButton r1,r2,r3;

Color red_c,yellow_c,green_c;

public calc() {

setBounds(0,0,640,480);

r1=new JRadioButton("Red");

r2=new JRadioButton("Yellow");

r3=new JRadioButton("Green");

r1.setSelected(true);

red_c=Color.red;

yellow_c=getBackground();

green_c=getBackground();

ButtonGroup gp=new ButtonGroup();

gp.add(r1);

gp.add(r2);

gp.add(r3);

add(r1);

add(r2);
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add(r3);

r1.addActionListener(this);

r2.addActionListener(this);

r3.addActionListener(this);

}
public void paintComponent(Graphics g) {

super.paintComponent(g);

g.drawOval (50,50,50,50);

g.drawOval (50,110,50,50);

g.drawOval (50,170,50,50);

g.setColor(red_c);

g.fillOval (50,50,50,50);

g.setColor(yellow_c);

g.fillOval (50,110,50,50);

g.setColor(green_c);

g.fillOval (50,170,50,50); }

public void actionPerformed(ActionEvent ae) {

if(r1.isSelected()==true) {

red_c=Color.red;

yellow_c=getBackground();

green_c=getBackground();

}
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else if(r2.isSelected()==true) {

yellow_c=Color.yellow;

red_c=getBackground();

green_c=getBackground();

}

else if(r3.isSelected()== true) {

green_c=Color.green;

red_c=getBackground();

yellow_c=getBackground();
}

repaint();

}

public static void main(String[] args) {

calc c= new calc();

JFrame f=new JFrame();

f.setSize(500, 500);

f.setLayout(null);

f.setVisible(true);

f.add(c);

}

}
```