**//Expt6\_5**

**import javax.swing.\*;**

**import java.awt.\*;**

**import java.awt.event.\*;**

**public class Expt6\_5 extends JApplet implements ActionListener {**

**JRadioButton jb1, jb2, jb3;**

**Container contentPane;**

**public void init() {**

**contentPane = getContentPane();**

**contentPane.setLayout(new FlowLayout());**

**jb1 = new JRadioButton("red");**

**jb1.addActionListener(this);**

**contentPane.add(jb1);**

**jb2 = new JRadioButton("green");**

**jb2.addActionListener(this);**

**contentPane.add(jb2);**

**jb3 = new JRadioButton("blue");**

**jb3.addActionListener(this);**

**contentPane.add(jb3);**

**ButtonGroup bg = new ButtonGroup();**

**bg.add(jb1);**

**bg.add(jb2);**

**bg.add(jb3); }**

**public void actionPerformed(ActionEvent ae) {**

**String str=ae.getActionCommand();**

**if(str.equals("red")){**

**contentPane.setBackground(Color.red);**

**} else if(str.equals("blue")) {**

**contentPane.setBackground(Color.blue);**

**} else {**

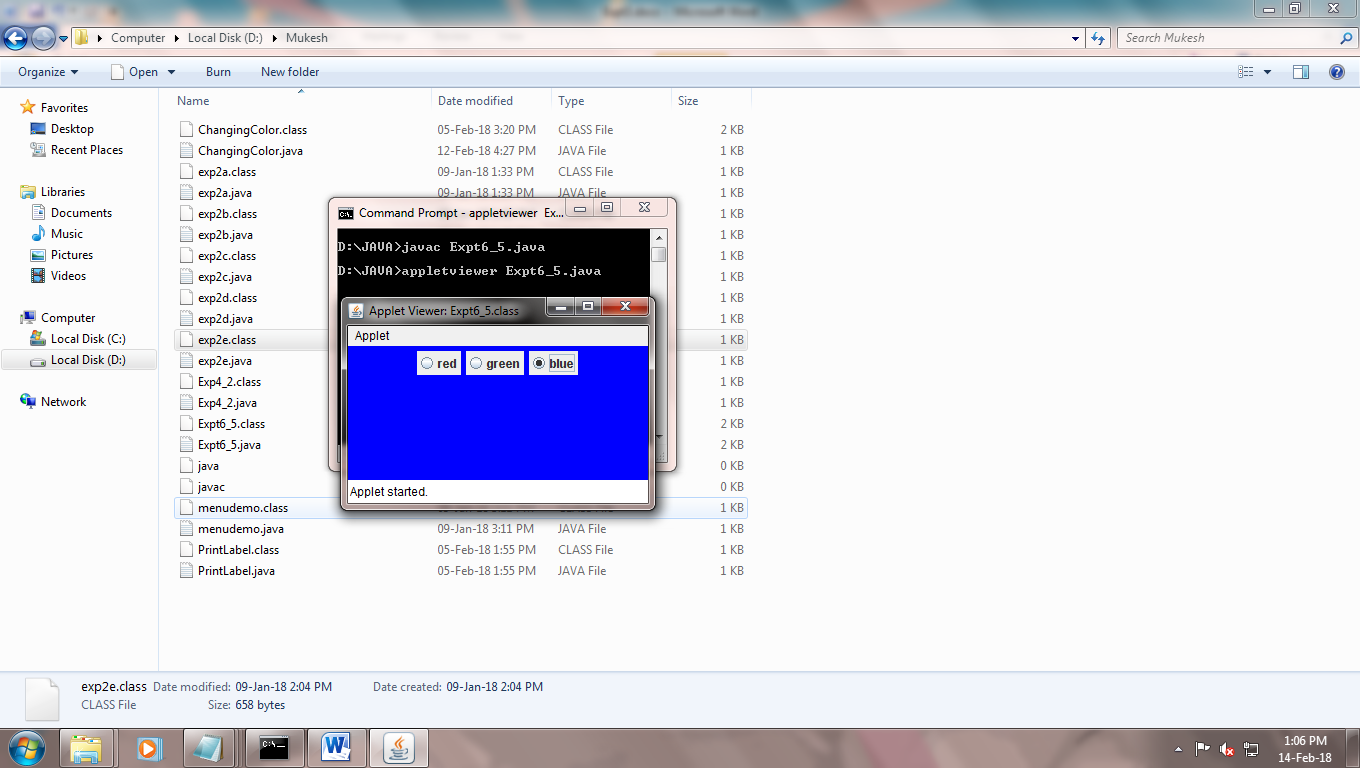
**contentPane.setBackground(Color.green);**

**}**

**}}**

**//<applet code = Expt6\_5.class height = 300 width = 300></applet>**

**Output:**

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