**Source Code:**

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

public class EventHandling extends JFrame{

private JLabel l1, l2, l3; private JTextField t1; private JRadioButton rb1, rb2; private ButtonGroup rbGroup; private JCheckBox cb1, cb2, cb3; private JTextArea ta1; private JButton b1;

public EventHandling()

{ super("This is a test on GUI");

Container c= getContentPane();

c.setLayout(new BorderLayout(100,100));

JPanel p1= new JPanel(); p1.setLayout(new BorderLayout(10,10)); c.add(p1, BorderLayout.NORTH); l1=new JLabel("Name"); l1.setToolTipText("Enter your name"); p1.add(l1, BorderLayout.NORTH);

t1=new JTextField("Enter Text here", 5); p1.add(t1, BorderLayout.SOUTH);

JPanel p2= new JPanel(); p2.setLayout(new BorderLayout(10,10));

c.add(p2,BorderLayout.EAST);

rb1=new JRadioButton("Male", true); p2.add(rb1,BorderLayout.EAST);

rb2=new JRadioButton("Female", false); p2.add(rb2,BorderLayout.WEST);

rbGroup=new ButtonGroup(); rbGroup.add(rb1); rbGroup.add(rb2);

JPanel p3= new JPanel(); p3.setLayout(new BorderLayout(10,10));

c.add(p3, BorderLayout.CENTER);

l2=new JLabel("Choose your Qualification"); cb1=new JCheckBox("B.Tech"); cb2=new JCheckBox("M.Tech"); cb3=new JCheckBox("Ph.D"); p3.add(l1,BorderLayout.NORTH); p3.add(cb1,BorderLayout.EAST); p3.add(cb2,BorderLayout.CENTER); p3.add(cb3,BorderLayout.WEST);

JPanel p4= new JPanel(); p4.setLayout(new BorderLayout(10,10)); c.add(p4, BorderLayout.SOUTH);

Icon img=new ImageIcon("address.gif");

l3=new JLabel("Enter Your Address", img, SwingConstants.LEFT); p4.add(l3, BorderLayout.NORTH); ta1=new JTextArea(10,15); p4.add(ta1,BorderLayout.CENTER);

b1=new JButton("Show"); p4.add(b1,BorderLayout.SOUTH);

ButtonHandler handler=new ButtonHandler(); b1.addActionListener(handler);

this.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

pack(); setVisible(true);

}

public static void main(String args[])

{

new EventHandling();

}

private class ButtonHandler implements ActionListener

{

public void actionPerformed(ActionEvent e)

{

String str=""; str+=l1.getText()+":"; str+=t1.getText()+"\n"; if(rb1.isSelected()) str+= rb1.getText()+"\n"; else

str+= rb2.getText()+"\n"; if(cb1.isSelected()) str+= cb1.getText()+","; if(cb2.isSelected()) str+= cb2.getText()+","; if(cb3.isSelected()) str+= cb3.getText()+"\n"; str+="\nAddress: " +ta1.getText();

JOptionPane.showMessageDialog(null, str);

}

}

}

**Output:**





