

## WEEK-19

### CODE:

```
import javax.swing.JFrame;
import javax.swing.JRadioButton;
import javax.swing.JTextArea;
import javax.swing.JLabel;
import javax.swing.JMenu;
import javax.swing.JMenuBar;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import java.awt.Color;
import java.awt.Font;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import javax.swing.BorderFactory;
import javax.swing.ButtonGroup;
import javax.swing.JButton;
import javax.swing.JComboBox;
class Assignment implements ActionListener
{
    JFrame frame;
    JLabel label1;
    JLabel label2;
    JTextField field1;
    JLabel label3;
    JLabel label4;
    JLabel label5;
    JLabel label6;
    JLabel label7;
    JLabel label8;
    JLabel label9;
    JLabel label10;
    JLabel label11;
    JComboBox combobox1;
    JComboBox combobox2;
    JComboBox combobox3;
    JRadioButton button1;
    JRadioButton button2;
    ButtonGroup group;
    JTextArea text;
    JTextField field2;
    JTextField field3;
    JTextField field4;
```

```

JComboBox combobox4;
JComboBox combobox5;
JComboBox combobox6;
JButton button3;
JButton button4;
public void actionPerformed(ActionEvent obj)
{
    if((obj.getActionCommand()).equals("Submit")){
        String getName=field1.getText();
        String getMN=field2.getText();
        String getPass=field3.getText();
        String getRepass=field4.getText();
        String getAddress=text.getText();
        String getGender=" ";
        String getCombobox1=combobox1.getSelectedItem().toString();
        String getCombobox2=combobox2.getSelectedItem().toString();
        String getCombobox3=combobox3.getSelectedItem().toString();
        String getCombobox4=combobox4.getSelectedItem().toString();
        String getCombobox5=combobox5.getSelectedItem().toString();
        String getCombobox6=combobox6.getSelectedItem().toString();

        if(button1.isSelected())
        {
            getGender="Male";
        }
        else{
            getGender="Female";
        }
        JOptionPane.showMessageDialog(frame,"Name: "+getName+"\nAddress: "+getAddress+"\nMobile-num: "+getMN+"\nPassword: "+getPass+"\nRe-pass: "+getRepass+"\nGender: "+getGender+"\nDob: "+getCombobox1+", "+getCombobox2+", "+getCombobox3+"\nCourse: "+getCombobox4+"\nCollege: "+getCombobox5+"\nSemester: "+getCombobox6,"Information",JOptionPane.INFORMATION_MESSAGE);//frame error due to JOptionPane.showMessageDialog error message
    }

    else{
        //for reset button works
        text.setText(" ");
        field1.setText(" ");
        field2.setText(" ");
        field3.setText(" ");
        field4.setText(" ");
        group.clearSelection();//only work for radio button groups
    }
}

```

```

        combobox1.setSelectedIndex(0);
        combobox2.setSelectedIndex(0);
        combobox3.setSelectedIndex(0);
        combobox4.setSelectedIndex(0);
        combobox5.setSelectedIndex(0);
        combobox6.setSelectedIndex(0);
    }
}

public Assignment(){

    frame=new JFrame();
    frame.setLayout(null);
    frame.setTitle("Student Register Form");
    frame.setSize(800,725);
    frame.setResizable(false);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    //frame.getContentPane().setBackground(Color.yellow);

    JMenuBar menubar=new JMenuBar();
    frame.setJMenuBar(menubar);
    JMenu menu1=new JMenu("File");
    JMenu menu2=new JMenu();
    menu2.setText("Help");

    menubar.add(menu1);
    menubar.add(menu2);
    JMenu menu3=new JMenu("Save");//we can add menu inside menu but cant add
menu item inside menu item.
    JMenu menu4=new JMenu("Save As");
    JMenu menu5=new JMenu("Close");
    menu1.add(menu3);
    menu1.add(menu4);
    menu1.add(menu5);
    menu3.add("Save as Word files");//we can directly add menu item inside
menu
    menu3.add("Save as Text files");
    menu4.add("kasari");
    menu5.add("kbata");

    //label1
    label1 =new JLabel("Register a new Student");
    label1.setFont(new Font("Arial",Font.BOLD,20));
    label1.setForeground(Color.BLUE);
    label1.setBounds(250,30,300,30);
    frame.add(label1);

```

```

//label2
label2=new JLabel("Name:");
label2.setBounds(130,110,60,20);
label2.setFont(new Font("Arial",Font.BOLD,15));
label2.setForeground(Color.BLACK);
frame.add(label2);
//textfield
field1=new JTextField();
field1.setBounds(350,100,200,30);
field1.setBorder(BorderFactory.createLineBorder(Color.RED));
field1.setText("Your full Name");
frame.add(field1);
//label3
label3=new JLabel("DOB:");
label3.setBounds(130,160,40,20);
label3.setFont(new Font("Arial",Font.BOLD,15));
label3.setForeground(Color.BLACK);
frame.add(label3);
//comboboxs
combobox1=new JComboBox();
combobox1.setBounds(350,150,80,25);
frame.add(combobox1);
combobox1.addItem("Year:");
for(int i=2000;i<=2023;i++)
{
    combobox1.addItem(i);
}

combobox2=new JComboBox();
combobox2.setBounds(450,150,80,25);
frame.add(combobox2);
combobox2.addItem("Month:");
String
month[]={ "January", "February", "March", "April", "May", "June", "July", "August", "September", "October", "November", "December"};
// for(String addmonth:month){
//     combobox2.addItem(addmonth);
// }
for(int i=0;i<month.length;i++){
    combobox2.addItem(month[i]);
}

combobox3=new JComboBox();
combobox3.setBounds(550,150,80,25);

```

```
frame.add(combobox3);
combobox3.addItem("Day");
for(int i=1;i<=33;i++)
{
    combobox3.addItem(i);
}

label4=new JLabel("Gender:");
label4.setBounds(130,220,60,20);
label4.setFont(new Font("Arial",Font.BOLD,15));
label4.setForeground(Color.BLACK);
frame.add(label4);

    button1=new JRadioButton("Male");
    button1.setBounds(350,210,100,30);
    frame.add(button1);

    button2=new JRadioButton("Female");
    button2.setBounds(450,210,100,30);
    frame.add(button2);

    group=new ButtonGroup();
    group.add(button1);
    group.add(button2);

label5=new JLabel("Address:");
label5.setBounds(130,270,65,20);
label5.setFont(new Font("Arial",Font.BOLD,15));
label5.setForeground(Color.BLACK);
frame.add(label5);

text=new JTextArea();
text.setBounds(350,250,200,60);
text.setBorder(BorderFactory.createLineBorder(Color.RED));
text.setText("Your Address");
frame.add(text);

label6=new JLabel("Mobile-number:");
label6.setBounds(130,340,120,20);
label6.setFont(new Font("Arial",Font.BOLD,15));
label6.setForeground(Color.BLACK);
frame.add(label6);
```

```
field2=new JTextField();
field2.setBounds(350,330,200,30);
field2.setBorder(BorderFactory.createLineBorder(Color.RED));
field2.setText("You'r Mobile num");
frame.add(field2);

label7=new JLabel("Password:");
label7.setBounds(130,390,100,20);
label7.setFont(new Font("Arial",Font.BOLD,15));
label7.setForeground(Color.BLACK);
frame.add(label7);

field3=new JTextField();
field3.setBounds(350,380,200,30);
field3.setBorder(BorderFactory.createLineBorder(Color.RED));
field3.setText("Your Passord");
frame.add(field3);

label8=new JLabel("Re-Password:");
label8.setBounds(130,440,100,20);
label8.setFont(new Font("Arial",Font.BOLD,15));
label8.setForeground(Color.BLACK);
frame.add(label8);

field4=new JTextField();
field4.setBounds(350,430,200,30);
field4.setBorder(BorderFactory.createLineBorder(Color.RED));
field4.setText("Re-Type pass");
frame.add(field4);

label9=new JLabel("Courses:");
label9.setBounds(130,490,70,20);
label9.setFont(new Font("Arial",Font.BOLD,15));
label9.setForeground(Color.BLACK);
frame.add(label9);

combobox4=new JComboBox();
combobox4.setBounds(350,480,200,30);
combobox4.addItem("Bsc Hons Computing");
combobox4.addItem("Bsc Hons BBA");
frame.add(combobox4);
```

```

label10=new JLabel("College:");
label10.setBounds(130,540,60,20);
label10.setFont(new Font("Arial",Font.BOLD,15));
label10.setForeground(Color.BLACK);
frame.add(label10);

combobox5=new JComboBox();
combobox5.setBounds(350,530,200,30);
combobox5.addItem("Itahari International College");
frame.add(combobox5);

label11=new JLabel("Semester:");
label11.setBounds(130,580,80,20);
label11.setFont(new Font("Arial",Font.BOLD,15));
label11.setForeground(Color.BLACK);
frame.add(label11);

combobox6=new JComboBox();
combobox6.setBounds(350,570,200,30);
combobox6.addItem("1");
combobox6.addItem("2");
combobox6.addItem("3");
frame.add(combobox6);

button3=new JButton();
button3.setText("Submit");
button3.setBounds(350,610,100,30);
frame.add(button3);
button3.addActionListener(this);

button4=new JButton();
button4.setText("Reset");
button4.setBounds(500,610,100,30);
frame.add(button4);
button4.addActionListener(this);

frame.setVisible(true);
}

public static void main(String args[]){
    new Assignment();
}
}

```

## Output:

**Student Register Form**

File Help

### Register a new Student

**Name:**

**DOB:**

**Gender:** ☒ Male ☐ Female

**Address:**

**Mobile-number:**

**Password:**

**Re-Password:**

**Courses:**

**College:**

**Semester:**



Student Register Form

File Help

Register a new Student

Name:

Ankit

DOB:

2004

August

27

Gender:

Address:

Mobile-number:

Password:

Re-Password:

jfdajdfj

Courses:

Bsc Hons Computing

College:

Itahari International College

Semester:

1

Submit

Reset

Information

Name: Ankit

Address: Dharan

Mobile-num: 9854858543

Password: jfkdsjfkfjas

Re-pass: jfjdfajdfj

Gender: Male

Dob: 2004, August, 27

Course: Bsc Hons Computing

College: Itahari International College

Semester: 1

OK

Student Register Form

File Help

Register a new Student

Name:

Ankit

DOB:

2004

▼

August

▼

27

▼

Gender:

☒ Male

☐ Female

Address:

Dharan

Mobile-number:

9854858543

Password:

jfkdsjkfjas

Re-Password:

jfjdfajdfj

Courses:

Bsc Hons Computing

▼

College:

Itahari International College

▼

Semester:

1

▼

Submit

Reset

Student Register Form

File Help

Register a new Student

Name:

DOB:

Year:

Month:

Day:

Gender:

☐ Male

☐ Female

Address:

Mobile-number:

Password:

Re-Password:

Courses:

Bsc Hons Computing

College:

Itahari International College

Semester:

1

Submit

Reset