

Fundamentals of Programming II Lab 05

1	jButton1ActionPerformed <pre>String itemText = (String)jComboBox1.getSelectedItem(); jTextField1.setText(itemText);</pre>
2	jButton2ActionPerformed <pre>String s1=""; if(jCheckBox1.isSelected()) s1=s1+" "+jCheckBox1.getText()+"\n"; if(jCheckBox2.isSelected()) s1=s1+" "+jCheckBox2.getText()+"\n"; if(jCheckBox3.isSelected()) s1=s1+" "+jCheckBox3.getText()+"\n"; if(jCheckBox4.isSelected()) s1=s1+" "+jCheckBox4.getText()+"\n"; jTextArea1.setText(s1);</pre>
3	private void groupButton() <pre>ButtonGroup bg1 = new ButtonGroup(); bg1.add(jRadioButton1); bg1.add(jRadioButton2); bg1.add(jRadioButton3);</pre>
4	<pre>public FormObjects() { initComponents(); groupButton (); }</pre>

5 jButton3ActionPerformed

```
String radioText="";
if(jRadioButton1.isSelected())
    radioText=radioText+jRadioButton1.getText();
if(jRadioButton2.isSelected())
    radioText=radioText+jRadioButton2.getText();
if(jRadioButton3.isSelected())
    radioText=radioText+jRadioButton3.getText();
javax.swing.JOptionPane.showMessageDialog( FormObjects.this,
radioText );
```

7 jMenuItem1ActionPerformed

```
FileFilter ft = new FileNameExtensionFilter("Date Files", "txt");
db.addChoosableFileFilter( ft );
int returnVal = db.showOpenDialog( this );
if(returnVal==javax.swing.JFileChooser.APPROVE_OPTION)
{
    try
    {
        FileReader fr = new FileReader(db.getSelectedFile( ));
        BufferedReader br = new BufferedReader(fr);

        jComboBox1.setSelectedIndex(Integer.parseInt(br.readLine()));
        jCheckBox1.setSelected(Boolean.parseBoolean(br.readLine()));
        jCheckBox2.setSelected(Boolean.parseBoolean(br.readLine()));
        jCheckBox3.setSelected(Boolean.parseBoolean(br.readLine()));
        jCheckBox4.setSelected(Boolean.parseBoolean(br.readLine()));
        jRadioButton1.setSelected(Boolean.parseBoolean(br.readLine()));
        jRadioButton2.setSelected(Boolean.parseBoolean(br.readLine()));
        jRadioButton3.setSelected(Boolean.parseBoolean(br.readLine()));
        btnComboBoxActionPerformed(null);
        btnCheckBoxesActionPerformed(null);
        br.close();
        fr.close();
    }catch (IOException e) {}    }
```

9 JMenuItem2ActionPerformed

```
FileFilter ft = new FileNameExtensionFilter("Text Files", "txt");
db.addChoosableFileFilter( ft );
int returnVal = db.showSaveDialog( this );
if(returnVal==javax.swing.JFileChooser.APPROVE_OPTION)
{
    try
    {
        FileWriter fw = new FileWriter(db.getSelectedFile( ), false);
        PrintWriter pw = new PrintWriter(fw);
        pw.println(jComboBox1.getSelectedIndex());
        pw.println(jCheckBox1.isSelected());
        pw.println(jCheckBox2.isSelected());
        pw.println(jCheckBox3.isSelected());
        pw.println(jCheckBox4.isSelected());
        pw.println(jRadioButton1.isSelected());
        pw.println(jRadioButton2.isSelected());
        pw.println(jRadioButton3.isSelected());
        pw.close();
        fw.close();
    }catch (IOException e) {}
}
```

10 JMenuItem1ActionPerformed

```
FileFilter ft = new FileNameExtensionFilter("Date Files", "txt");
db.addChoosableFileFilter( ft );
int returnVal = db.showOpenDialog( this );
if(returnVal==javax.swing.JFileChooser.APPROVE_OPTION)
{
    try
    {
        FileInputStream f0 = new
java.io.FileInputStream(db.getSelectedFile( ));
        DataInputStream d0=new DataInputStream(f0);
        jComboBox1.setSelectedIndex(d0.readInt());
    }
}
```

```

jCheckBox1.setSelected(d0.readBoolean());
jCheckBox2.setSelected(d0.readBoolean());
jCheckBox3.setSelected(d0.readBoolean());
jCheckBox4.setSelected(d0.readBoolean());
jRadioButton1.setSelected(d0.readBoolean());
jRadioButton2.setSelected(d0.readBoolean());
jRadioButton3.setSelected(d0.readBoolean());
btnComboBoxActionPerformed(null);
btnCheckBoxesActionPerformed(null);
d0.close();
f0.close();
}catch (IOException e) {}
}

```

11 JMenuItem2ActionPerformed

```

FileFilter ft = new FileNameExtensionFilter("Text Files", "txt");
db.addChoosableFileFilter( ft );
int returnVal = db.showSaveDialog( this );
if(returnVal==javax.swing.JFileChooser.APPROVE_OPTION)
{
    try {
        java.io.FileOutputStream f0 = new
java.io.FileOutputStream(db.getSelectedFile( ));
        DataOutputStream d0=new DataOutputStream(f0);
        d0.writeInt(jComboBox1.getSelectedIndex());
        d0.writeBoolean(jCheckBox1.isSelected());
        d0.writeBoolean(jCheckBox2.isSelected());
        d0.writeBoolean(jCheckBox3.isSelected());
        d0.writeBoolean(jCheckBox4.isSelected());
        d0.writeBoolean(jRadioButton1.isSelected());
        d0.writeBoolean(jRadioButton2.isSelected());
        d0.writeBoolean(jRadioButton3.isSelected());
        d0.close();f0.close();
    }catch (IOException e) {}
}

```