

Intituto Tecnologico de Ciudad Guzmán

Ing. En Sistemas Computacionales

Programación Orientada a Objetos

Unidad IV “Polimorfismo”

Equipo 2

       Juan Pablo Solís Guzmán

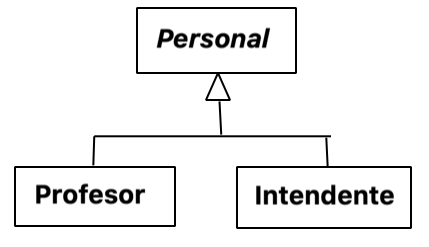
       Álvaro Rosales Damián

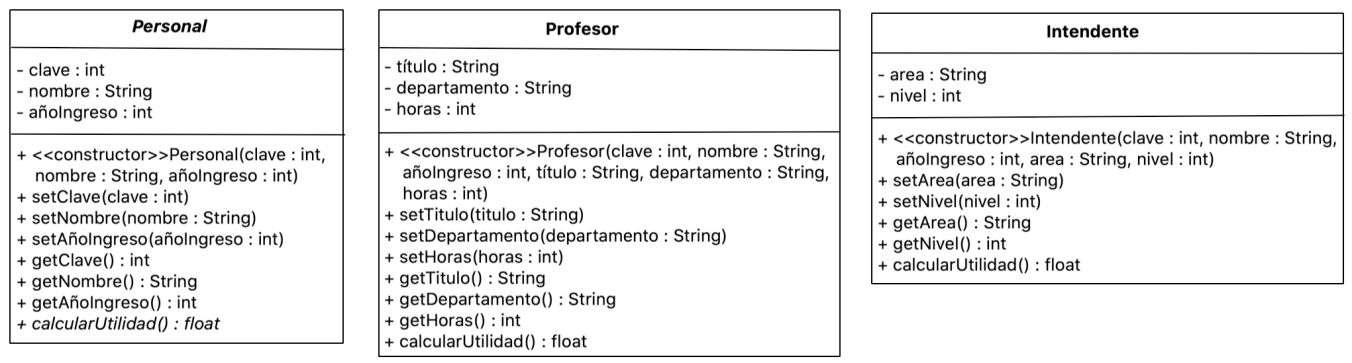
       José Manuel Gómez Díaz

Fecha: 13/05/2019

**PROGRAMA DE ENTREGA DE LA UNIDAD 4 DE POO. VALOR = 100%**

Realizar un programa que a través de una relación de herencia entre la clase abstracta **Personal** y las clases **Profesor** e **Intendente**, y, utilizando un arreglo de objetos de la clase **Personal** se pueda administrar a los profesores e intendentes que actualmente trabajan en la escuela “TECNOLOGICO DE ZAPOTLÁN”. En la escuela existen 99 empleados entre profesores e intendentes. Guíese en el siguiente diagrama de clases:





El programa será tipo **Windows** y deberá presentar una ventana principal con un menú con las siguientes caracteristicas:

Archivo Acciones Consultas

Salir Alta Individual

Profesor General

Intendente Personal

Modificación Profesores

Baja Directivos

**SALIR**: Presentar en un cuadro de diálogo los datos de los desarrolladores del programa para posteriormente finalizar la ejecución.

**ALTA:** Solicitar la clave del profesor/intendente a dar de alta. Si la clave ya está asignada a algún profesor/intendente avisar al usuario. Si la clave no está asignada a ningún profesor/intendente entonces solicitar la entrada de los demás datos, registrar al profesor/intendente al pulsar un botón y cerrar la ventana.

**MODIFICACIÓN:** Solicitar la clave del personal a modificar. Si la clave no está asignada a ningún personal avisar al usuario. Si la clave ya está asignada a algún personal entonces presentar los demás datos de ese personal, permitir que el usuario modifique los datos (excepto la clave), registrar la modificación al pulsar un botón y cerrar la ventana.

**BAJA**: Solicitar la clave del personal a eliminar. Si la clave no está asignada a ningún personal avisar al usuario. Si la clave ya está asignada a algún personal entonces presentar los demás datos de ese peresonal, solicitar al usuario que confirme la eliminación, si es así, eliminar a ese personal utilizando la técnica de desplazamiento y cerrar la ventana.

**CONSULTAS-INDIVIDUAL**: Solicitar la clave del personal a consultar. Si la clave no está asignada a ningún personal avisar al usuario. Si la clave ya está asignada a algún personal entonces presentar los demás datos de ese personal y el pago por reparto de utilidades que le corresponde, el cual deberá ser devuelto por el método **calcularUtilidad**.

**CONSULTAS-GENERAL-PERSONAL**: Presentar en un control **JTable** la clave, nombre y departamento (si es un profesor) ó el área (si es un intendente) de todo el personal dado de alta.

**CONSULTAS-GENERAL-PROFESORES:** Presentar en un control **JTable** la clave, nombre y departamento de todos los profesores dados de alta.

**CONSULTAS-GENERAL-INTENDENTES:** Presentar en un control **JTable** la clave, nombre y área de todos los intendentes dados de alta.

***RESTRICCIONES:***

* El programa deberá respetar la teoría que marca la PROGRAMACIÓN ORIENTADA A OBJETOS (buen uso de atributos, modificadores de acceso, métodos, constructores, herencia, ***polimorfismo***, etc.).
* No admitir personal con la misma clave (no debe haber claves repetidas).
* Validar la clave del personal para que siempre que se solicite una clave, esta se encuentre en el rango de 101 a 999.
* No permita ir a altas si el arreglo ya está lleno.
* No permita ir a consultas, modificaciones y bajas si el arreglo no contiene personal dado de alta.
* En modificaciones no permita la modificación de la clave.
* Deben existir las clases:
* La clase abstracta **Personal**: con los atributos clave, nombre y año de ingreso. Además un constructor capaz de recibir los datos para inicializar sus atributos. También deberá contener los métodos set y get para cada atributo y el método abstracto **calcularUtilidad**.
* La clase **Profesor**: con los atributos título, departamento y horas. Además un constructor capaz de recibir los datos para inicializar a sus atributos y los de su superclase. También deberá contener los métodos set y get para cada atributo. Implemente el método **calcularUtilidad** que devuelva el pago por reparto de utilidades el cual se calcula multiplicando la cantidad de años de antiguedad del profesor \* $1500, y a lo que resulte se le resta el 7% como isr.
* La clase **Intendente**: con los atributos área y nivel. Además un constructor capaz de recibir los datos para inicializar a sus atributos y los de su superclase. También deberá contener los métodos set y get para cada atributo. Implemente el método **calcularUtilidad** que devuelva el pago por reparto de utilidades el cual se calcula de la manera siguiente:
  + Si el nivel del intendente es menor a 3: multiplicando la cantidad de años de antiguedad del intendente \* $500, sumándole $2500 y a lo que resulte se le resta el 5% como isr.
  + Si el nivel del intendente es 3 o mayor: multiplicando la cantidad de años de antiguedad del intendente \* $700, sumándole $5000 y a lo que resulte se le resta el 5% como isr.
* La clase **AdmonPersonal**: Deberá contener dos atributos: al arreglo de tipo Personal que almacenará a los objetos de la clase Profesor e Intendente, y un contador que sirva para saber cuántos empleados están dados de alta, además a los métodos necesarios que nos permitan manipular dicho arreglo para poder realizar altas, consulta individual, consulta general, bajas, etc. Por ningún motivo dupliquen los métodos, utilice un solo método para cada acción apoyándose en el polimorfimo para lograrlo. Modifique el método altas para que en su lista de parámetros cotenga una variable de la clase Personal. Por lo tanto cuando haga uso del método altas deberá enviar ya sea un Profesor o un Intendente.
* La clase **Principal**: Será el formulario (ventana) principal y contendrá al método main, un objeto de la clase AdmonPersonal y el menú desde el cual se hará el llamado a los formularios para las acciones y consultas.
* Agregue las clases (formularios) que necesite.

***ENTREGAR DENTRO DE UN SOBRE AMARILLO TAMAÑO CARTA:***

* Documentación impresa:
  + Portada con los siguientes datos: ITCG, CARRERA, MATERIA, UNIDAD, TEMA, ALUMNOS y FECHA.
  + El presente documento.
  + Listado del código de cada una de las clases, el cual tiene que ser el mismo al entregado en forma digital.
  + Deberá paginar todo el documento excepto la portada.
  + Por fuera del sobre deberá estar escrito el número de equipo y el nombre de los integrantes del equipo.
* Menoria usb que contenga una carpeta identificada como POOGPOBU4EQUIPOX, en mayúsculas y sin espacios y dentro de ella el proyecto completo hecho en NETBEANS que de solución a lo solicitado. La X será sustituída por el número de equipo asignado en el programa de la unidad 3.

***FECHA DE ENTREGA:***

* Lunes 13 de mayo a la entrada a clases.

**¡¡¡ LOS EQUIPOS DEBEN ESTAR FORMADOS POR LOS MISMOS INTEGRANTES DEL PROGRAMA DE LA UNIDAD 3 !!!**

1 package SRC;  
 2   
 3 public abstract class Personal {  
 4 private int clave;  
 5 private String nombre;  
 6 private int añoIngreso;  
 7   
 8 public Personal(){}  
 9   
10 public Personal(int clave, String nombre, int añoIngreso){  
11 this.clave = clave;  
12 this.nombre = nombre;  
13 this.añoIngreso = añoIngreso;  
14 }  
15   
16 public int getClave() {  
17 return clave;  
18 }  
19   
20 public void setClave(int clave) {  
21 this.clave = clave;  
22 }  
23   
24 public String getNombre() {  
25 return nombre;  
26 }  
27   
28 public void setNombre(String nombre) {  
29 this.nombre = nombre;  
30 }  
31   
32 public int getAñoIngreso() {  
33 return añoIngreso;  
34 }  
35   
36 public void setAñoIngreso(int añoIngreso) {  
37 this.añoIngreso = añoIngreso;  
38 }  
39   
40 abstract public float calcularUtilidad();  
41 }  
42

1 package SRC;  
 2   
 3 public class Profesor extends Personal {  
 4 private String titulo;  
 5 private String departamento;  
 6 private int horas;  
 7 public Profesor() {}  
 8 public Profesor(int clave, String nombre, int añoIngreso, String titulo, String departamento, int horas) {  
 9 super(clave, nombre, añoIngreso);  
10 this.titulo = titulo;  
11 this.departamento = departamento;  
12 this.horas = horas;  
13 }  
14   
15 public String getTitulo() {  
16 return titulo;  
17 }  
18   
19 public void setTitulo(String titulo) {  
20 this.titulo = titulo;  
21 }  
22   
23 public String getDepartamento() {  
24 return departamento;  
25 }  
26   
27 public void setDepartaento(String departaento) {  
28 this.departamento = departamento;  
29 }  
30   
31 public int getHoras() {  
32 return horas;  
33 }  
34   
35 public void setHoras(int horas) {  
36 this.horas = horas;  
37 }  
38   
39 @Override  
40 public float calcularUtilidad(){  
41 if(getAñoIngreso() != Principal.añoActual){  
42 int añosAntiguedad = Principal.añoActual - getAñoIngreso();  
43 float utilidad = (añosAntiguedad \* 1500) - 0.07f \*(añosAntiguedad \* 1500);  
44 return utilidad;  
45 }  
46 else  
47 return 0;  
48 }  
49 }  
50

1 package SRC;  
 2   
 3 public class Intendente extends Personal{  
 4 private String area;  
 5 private int nivel;  
 6 public Intendente() {}  
 7 public Intendente(int clave, String nombre, int añoIngreso, String area, int nivel) {  
 8 super(clave, nombre, añoIngreso);  
 9 this.area = area;  
10 this.nivel = nivel;  
11 }  
12   
13 public String getArea() {  
14 return area;  
15 }  
16   
17 public void setArea(String area) {  
18 this.area = area;  
19 }  
20   
21 public int getNivel() {  
22 return nivel;  
23 }  
24   
25 public void setNivel(int nivel) {  
26 this.nivel = nivel;  
27 }  
28   
29 @Override  
30 public float calcularUtilidad(){  
31 if(getAñoIngreso() != Principal.añoActual){  
32 int añosAntiguedad = Principal.añoActual - getAñoIngreso();  
33 if(nivel < 3){  
34 return (añosAntiguedad \* 500 + 2500) - 0.05f \* (añosAntiguedad \* 500 + 2500);  
35 } else {  
36 return (añosAntiguedad \* 700 + 5000) - 0.05f \* (añosAntiguedad \* 700 + 5000);   
37 }  
38 }  
39 else  
40 return 0;  
41 }  
42 }  
43

1   
 2 package SRC;  
 3   
 4 public class AdmonPersonal {  
 5 private Personal personal[];  
 6 private int cont;  
 7   
 8 public AdmonPersonal(){  
 9 personal = new Personal[99];  
10 cont = 0;  
11 }  
12   
13 public void setCont(int cont){  
14 this.cont = cont;  
15 }  
16   
17 public int getCont(){  
18 return cont;  
19 }  
20   
21 public int getCelda(int clave){  
22 for(int x = 0; x < getCont(); x++)  
23 if(clave == personal[x].getClave())  
24 return x;  
25 return -1;  
26 }  
27   
28 public void agregar(Personal pers)  
29 {  
30 this.personal[cont] = pers;  
31 cont++;  
32 }  
33   
34 public Personal getPersonal(int celda){  
35 return personal[celda];  
36 }  
37   
38 public void modificar(Personal p, int celda){  
39 personal[celda] = p;  
40 }  
41   
42 public void eliminar(int celda){  
43 for(int x = celda; x < cont - 1; x++)  
44 personal[x] = personal[x + 1];  
45 cont--;  
46 }  
47   
48 }  
49

1 package SRC;  
 2 import java.util.Calendar;  
 3 import javax.swing.ImageIcon;  
 4 import javax.swing.JOptionPane;  
 5   
 6 public class Principal extends javax.swing.JFrame {  
 7   
 8 public static AdmonPersonal adp = new AdmonPersonal();  
 9 public static Calendar cal = Calendar.getInstance();  
 10 public static int añoActual = cal.get(Calendar.YEAR);  
 11   
 12 public Principal() {  
 13 initComponents();  
 14 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());   
 15 }  
 16   
 17 @SuppressWarnings("unchecked")  
 18 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 19 private void initComponents() {  
 20   
 21 jCheckBoxMenuItem1 = new javax.swing.JCheckBoxMenuItem();  
 22 jMenuItem1 = new javax.swing.JMenuItem();  
 23 logoTECNM = new javax.swing.JLabel();  
 24 copyright = new javax.swing.JLabel();  
 25 bienvenido = new javax.swing.JLabel();  
 26 fondo = new javax.swing.JLabel();  
 27 jMenuBar1 = new javax.swing.JMenuBar();  
 28 jMenu1 = new javax.swing.JMenu();  
 29 opcSalir = new javax.swing.JMenuItem();  
 30 jMenu2 = new javax.swing.JMenu();  
 31 jMenu4 = new javax.swing.JMenu();  
 32 opcProfesorAltas = new javax.swing.JMenuItem();  
 33 opcIntendenteAltas = new javax.swing.JMenuItem();  
 34 opcModificaciones = new javax.swing.JMenuItem();  
 35 opcBaja = new javax.swing.JMenuItem();  
 36 jMenu3 = new javax.swing.JMenu();  
 37 opcIndividual = new javax.swing.JMenuItem();  
 38 jMenu5 = new javax.swing.JMenu();  
 39 opcPersonalTabla = new javax.swing.JMenuItem();  
 40 opcProfesoresTabla = new javax.swing.JMenuItem();  
 41 opcIntendenteTabla = new javax.swing.JMenuItem();  
 42 jMenu6 = new javax.swing.JMenu();  
 43 opcAcercaDe = new javax.swing.JMenuItem();  
 44   
 45 jCheckBoxMenuItem1.setSelected(true);  
 46 jCheckBoxMenuItem1.setText("jCheckBoxMenuItem1");  
 47   
 48 jMenuItem1.setText("jMenuItem1");  
 49   
 50 setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  
 51 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 52   
 53 logoTECNM.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/logoTECNM.png"))); // NOI18N  
 54 logoTECNM.setText(" ");  
 55 getContentPane().add(logoTECNM, new org.netbeans.lib.awtextra.AbsoluteConstraints(-30, 60, -1, -1));  
 56   
 57 copyright.setFont(new java.awt.Font("Comic Sans MS", 2, 9)); // NOI18N  
 58 copyright.setText("Sistema Unidad 4, Registro de Personal, v 2.0.0 All Rights Reserved, 2019 ");  
 59 getContentPane().add(copyright, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 380, -1, -1));  
 60   
 61 bienvenido.setFont(new java.awt.Font("Century Gothic", 3, 48)); // NOI18N  
 62 bienvenido.setForeground(new java.awt.Color(9, 9, 121));  
 63 bienvenido.setText("BIENVENIDO");  
 64 getContentPane().add(bienvenido, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 80, -1, -1));  
 65   
 66 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/fondo.jpg"))); // NOI18N  
 67 fondo.setText(" ");  
 68 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-210, -190, 1030, 760));  
 69   
 70 jMenuBar1.setBackground(new java.awt.Color(159, 184, 215));  
 71 jMenuBar1.setBorder(null);  
 72 jMenuBar1.setBorderPainted(false);  
 73   
 74 jMenu1.setText("Archivo");  
 75 jMenu1.setFont(new java.awt.Font("Century Gothic", 1, 12)); // NOI18N  
 76   
 77 opcSalir.setFont(new java.awt.Font("Century Gothic", 0, 12)); // NOI18N  
 78 opcSalir.setText("Salir");  
 79 opcSalir.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 80 opcSalir.addActionListener(new java.awt.event.ActionListener() {  
 81 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 82 opcSalirActionPerformed(evt);  
 83 }  
 84 });  
 85 jMenu1.add(opcSalir);  
 86   
 87 jMenuBar1.add(jMenu1);  
 88   
 89 jMenu2.setText("Acciones");  
 90 jMenu2.setFont(new java.awt.Font("Century Gothic", 1, 12)); // NOI18N  
 91   
 92 jMenu4.setText("Alta");  
 93 jMenu4.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 94 jMenu4.setFont(new java.awt.Font("Century Gothic", 0, 12)); // NOI18N  
 95   
 96 opcProfesorAltas.setFont(new java.awt.Font("Century Gothic", 2, 12)); // NOI18N  
 97 opcProfesorAltas.setText("Profesor");  
 98 opcProfesorAltas.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 99 opcProfesorAltas.addActionListener(new java.awt.event.ActionListener() {  
100 public void actionPerformed(java.awt.event.ActionEvent evt) {  
101 opcProfesorAltasActionPerformed(evt);  
102 }  
103 });  
104 jMenu4.add(opcProfesorAltas);  
105   
106 opcIntendenteAltas.setFont(new java.awt.Font("Century Gothic", 2, 12)); // NOI18N  
107 opcIntendenteAltas.setText("Intendente");  
108 opcIntendenteAltas.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
109 opcIntendenteAltas.addActionListener(new java.awt.event.ActionListener() {  
110 public void actionPerformed(java.awt.event.ActionEvent evt) {  
111 opcIntendenteAltasActionPerformed(evt);  
112 }  
113 });  
114 jMenu4.add(opcIntendenteAltas);  
115   
116 jMenu2.add(jMenu4);  
117   
118 opcModificaciones.setFont(new java.awt.Font("Century Gothic", 0, 12)); // NOI18N  
119 opcModificaciones.setText("Modificacion");  
120 opcModificaciones.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
121 opcModificaciones.addActionListener(new java.awt.event.ActionListener() {  
122 public void actionPerformed(java.awt.event.ActionEvent evt) {  
123 opcModificacionesActionPerformed(evt);  
124 }  
125 });  
126 jMenu2.add(opcModificaciones);  
127   
128 opcBaja.setFont(new java.awt.Font("Century Gothic", 0, 12)); // NOI18N  
129 opcBaja.setText("Baja");  
130 opcBaja.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
131 opcBaja.addActionListener(new java.awt.event.ActionListener() {  
132 public void actionPerformed(java.awt.event.ActionEvent evt) {  
133 opcBajaActionPerformed(evt);  
134 }  
135 });  
136 jMenu2.add(opcBaja);  
137   
138 jMenuBar1.add(jMenu2);  
139   
140 jMenu3.setText("Consultas");  
141 jMenu3.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
142 jMenu3.setFont(new java.awt.Font("Century Gothic", 1, 12)); // NOI18N  
143   
144 opcIndividual.setFont(new java.awt.Font("Century Gothic", 0, 12)); // NOI18N  
145 opcIndividual.setText("Individual");  
146 opcIndividual.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
147 opcIndividual.addActionListener(new java.awt.event.ActionListener() {  
148 public void actionPerformed(java.awt.event.ActionEvent evt) {  
149 opcIndividualActionPerformed(evt);  
150 }  
151 });  
152 jMenu3.add(opcIndividual);  
153   
154 jMenu5.setText("General");  
155 jMenu5.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
156 jMenu5.setFont(new java.awt.Font("Century Gothic", 0, 12)); // NOI18N  
157   
158 opcPersonalTabla.setFont(new java.awt.Font("Century Gothic", 2, 12)); // NOI18N  
159 opcPersonalTabla.setText("Personal");  
160 opcPersonalTabla.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
161 opcPersonalTabla.addActionListener(new java.awt.event.ActionListener() {  
162 public void actionPerformed(java.awt.event.ActionEvent evt) {  
163 opcPersonalTablaActionPerformed(evt);  
164 }  
165 });  
166 jMenu5.add(opcPersonalTabla);  
167   
168 opcProfesoresTabla.setFont(new java.awt.Font("Century Gothic", 2, 12)); // NOI18N  
169 opcProfesoresTabla.setText("Profesores");  
170 opcProfesoresTabla.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
171 opcProfesoresTabla.addActionListener(new java.awt.event.ActionListener() {  
172 public void actionPerformed(java.awt.event.ActionEvent evt) {  
173 opcProfesoresTablaActionPerformed(evt);  
174 }  
175 });  
176 jMenu5.add(opcProfesoresTabla);  
177   
178 opcIntendenteTabla.setFont(new java.awt.Font("Century Gothic", 2, 12)); // NOI18N  
179 opcIntendenteTabla.setText("Intendentes");  
180 opcIntendenteTabla.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
181 opcIntendenteTabla.addActionListener(new java.awt.event.ActionListener() {  
182 public void actionPerformed(java.awt.event.ActionEvent evt) {  
183 opcIntendenteTablaActionPerformed(evt);  
184 }  
185 });  
186 jMenu5.add(opcIntendenteTabla);  
187   
188 jMenu3.add(jMenu5);  
189   
190 jMenuBar1.add(jMenu3);  
191   
192 jMenu6.setText("Arceca De");  
193 jMenu6.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
194 jMenu6.setFont(new java.awt.Font("Century Gothic", 1, 12)); // NOI18N  
195   
196 opcAcercaDe.setFont(new java.awt.Font("Century Gothic", 0, 12)); // NOI18N  
197 opcAcercaDe.setText("Informacion");  
198 opcAcercaDe.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
199 opcAcercaDe.addActionListener(new java.awt.event.ActionListener() {  
200 public void actionPerformed(java.awt.event.ActionEvent evt) {  
201 opcAcercaDeActionPerformed(evt);  
202 }  
203 });  
204 jMenu6.add(opcAcercaDe);  
205   
206 jMenuBar1.add(jMenu6);  
207   
208 setJMenuBar(jMenuBar1);  
209   
210 pack();  
211 setLocationRelativeTo(null);  
212 }// </editor-fold>//GEN-END:initComponents  
213   
214 private void opcSalirActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcSalirActionPerformed  
215 System.exit(0);  
216 }//GEN-LAST:event\_opcSalirActionPerformed  
217   
218 private void opcProfesorAltasActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcProfesorAltasActionPerformed  
219 if(Principal.adp.getCont() < 99){  
220 FrmAltaProfesor ap = new FrmAltaProfesor(this, true);  
221 ap.setVisible(true);  
222 ap.setResizable(false);   
223 }  
224 else {  
225 JOptionPane.showMessageDialog(this, "La agenda ya esta llena",  
226 "AGENDA LLENA", JOptionPane.INFORMATION\_MESSAGE);  
227 }  
228 }//GEN-LAST:event\_opcProfesorAltasActionPerformed  
229   
230 private void opcIntendenteAltasActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcIntendenteAltasActionPerformed  
231 if(Principal.adp.getCont() < 99){  
232 FrmAltaIntendente ai = new FrmAltaIntendente(this, true);  
233 ai.setVisible(true);  
234 ai.setResizable(false);  
235 }  
236 else {  
237 JOptionPane.showMessageDialog(this, "La agenda ya esta llena",  
238 "AGENDA LLENA", JOptionPane.INFORMATION\_MESSAGE);  
239 }  
240 }//GEN-LAST:event\_opcIntendenteAltasActionPerformed  
241   
242 private void opcIntendenteTablaActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcIntendenteTablaActionPerformed  
243 if(Principal.adp.getCont() > 0){  
244 FrmConsGnrlIntendente cgi = new FrmConsGnrlIntendente(this, true);  
245 cgi.setVisible(true);  
246 }  
247 else {  
248 JOptionPane.showMessageDialog(this, "La agenda esta vacia",  
249 "AGENDA VACIA", JOptionPane.INFORMATION\_MESSAGE);  
250 }  
251 }//GEN-LAST:event\_opcIntendenteTablaActionPerformed  
252   
253 private void opcPersonalTablaActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcPersonalTablaActionPerformed  
254 if(Principal.adp.getCont() > 0){   
255 FrmConsGnrlPersonal cgP = new FrmConsGnrlPersonal(this, true);  
256 cgP.setVisible(true);  
257 }  
258 else {  
259 JOptionPane.showMessageDialog(this, "La agenda esta vacia",  
260 "AGENDA VACIA", JOptionPane.INFORMATION\_MESSAGE);  
261 }  
262 }//GEN-LAST:event\_opcPersonalTablaActionPerformed  
263   
264 private void opcProfesoresTablaActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcProfesoresTablaActionPerformed  
265 if(Principal.adp.getCont() > 0){   
266 FrmConsGnrlProfesor cgp = new FrmConsGnrlProfesor(this, true);  
267 cgp.setVisible(true);  
268 }  
269 else {  
270 JOptionPane.showMessageDialog(this, "La agenda esta vacia",  
271 "AGENDA VACIA", JOptionPane.INFORMATION\_MESSAGE);  
272 }  
273 }//GEN-LAST:event\_opcProfesoresTablaActionPerformed  
274   
275 private void opcBajaActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcBajaActionPerformed  
276 if(Principal.adp.getCont() > 0){  
277 FrmBaja b = new FrmBaja(this, true);  
278 b.setVisible(true);  
279 }  
280 else {  
281 JOptionPane.showMessageDialog(this, "La agenda esta vacia",  
282 "AGENDA VACIA", JOptionPane.INFORMATION\_MESSAGE);  
283 }  
284 }//GEN-LAST:event\_opcBajaActionPerformed  
285   
286 private void opcModificacionesActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcModificacionesActionPerformed  
287 if(Principal.adp.getCont() > 0){  
288 FrmModificacion m = new FrmModificacion(this, true);  
289 m.setVisible(true);  
290 }  
291 else {  
292 JOptionPane.showMessageDialog(this, "La agenda esta vacia",  
293 "AGENDA VACIA", JOptionPane.INFORMATION\_MESSAGE);  
294 }  
295 }//GEN-LAST:event\_opcModificacionesActionPerformed  
296   
297 private void opcIndividualActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcIndividualActionPerformed  
298 if(Principal.adp.getCont() > 0){   
299 FrmConsInd cI = new FrmConsInd(this, true);  
300 cI.setVisible(true);  
301 }  
302 else {  
303 JOptionPane.showMessageDialog(this, "La agenda esta vacia",  
304 "AGENDA VACIA", JOptionPane.INFORMATION\_MESSAGE);  
305 }  
306 }//GEN-LAST:event\_opcIndividualActionPerformed  
307   
308 private void opcAcercaDeActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_opcAcercaDeActionPerformed  
309 FrmAcercaDe ad = new FrmAcercaDe(this, true);  
310 ad.setVisible(true);  
311 ad.setResizable(false);  
312 ad.setLocationRelativeTo(null);  
313   
314 }//GEN-LAST:event\_opcAcercaDeActionPerformed  
315   
316 public static void main(String args[]) {  
317 /\* Set the Nimbus look and feel \*/  
318 //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">  
319 /\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.  
320 \* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html   
321 \*/  
322 try {  
323 for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {  
324 if ("Nimbus".equals(info.getName())) {  
325 javax.swing.UIManager.setLookAndFeel(info.getClassName());  
326 break;  
327 }  
328 }  
329 } catch (ClassNotFoundException ex) {  
330 java.util.logging.Logger.getLogger(Principal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
331 } catch (InstantiationException ex) {  
332 java.util.logging.Logger.getLogger(Principal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
333 } catch (IllegalAccessException ex) {  
334 java.util.logging.Logger.getLogger(Principal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
335 } catch (javax.swing.UnsupportedLookAndFeelException ex) {  
336 java.util.logging.Logger.getLogger(Principal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
337 }  
338 //</editor-fold>  
339   
340 /\* Create and display the form \*/  
341 java.awt.EventQueue.invokeLater(new Runnable() {  
342 public void run() {  
343 Principal principal = new Principal();  
344 principal.setBounds(0,0,720,480);  
345 principal.setVisible(true);  
346 principal.setResizable(false);  
347 principal.setLocationRelativeTo(null);  
348   
349 }  
350 });  
351 }  
352   
353 // Variables declaration - do not modify//GEN-BEGIN:variables  
354 private javax.swing.JLabel bienvenido;  
355 private javax.swing.JLabel copyright;  
356 private javax.swing.JLabel fondo;  
357 private javax.swing.JCheckBoxMenuItem jCheckBoxMenuItem1;  
358 private javax.swing.JMenu jMenu1;  
359 private javax.swing.JMenu jMenu2;  
360 private javax.swing.JMenu jMenu3;  
361 private javax.swing.JMenu jMenu4;  
362 private javax.swing.JMenu jMenu5;  
363 private javax.swing.JMenu jMenu6;  
364 private javax.swing.JMenuBar jMenuBar1;  
365 private javax.swing.JMenuItem jMenuItem1;  
366 private javax.swing.JLabel logoTECNM;  
367 private javax.swing.JMenuItem opcAcercaDe;  
368 private javax.swing.JMenuItem opcBaja;  
369 private javax.swing.JMenuItem opcIndividual;  
370 private javax.swing.JMenuItem opcIntendenteAltas;  
371 private javax.swing.JMenuItem opcIntendenteTabla;  
372 private javax.swing.JMenuItem opcModificaciones;  
373 private javax.swing.JMenuItem opcPersonalTabla;  
374 private javax.swing.JMenuItem opcProfesorAltas;  
375 private javax.swing.JMenuItem opcProfesoresTabla;  
376 private javax.swing.JMenuItem opcSalir;  
377 // End of variables declaration//GEN-END:variables  
378 }  
379

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4 public class FrmAltaIntendente extends javax.swing.JDialog {  
 5   
 6 public FrmAltaIntendente(java.awt.Frame parent, boolean modal) {  
 7 super(parent, modal);  
 8 initComponents();   
 9 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 10 }  
 11   
 12 @SuppressWarnings("unchecked")  
 13 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 14 private void initComponents() {  
 15   
 16 jLabel1 = new javax.swing.JLabel();  
 17 jLabel2 = new javax.swing.JLabel();  
 18 jLabel3 = new javax.swing.JLabel();  
 19 jLabel4 = new javax.swing.JLabel();  
 20 jLabel5 = new javax.swing.JLabel();  
 21 jLabel6 = new javax.swing.JLabel();  
 22 txtClave = new javax.swing.JTextField();  
 23 btnBuscar = new javax.swing.JButton();  
 24 txtNombre = new javax.swing.JTextField();  
 25 txtAñoIngreso = new javax.swing.JTextField();  
 26 txtArea = new javax.swing.JTextField();  
 27 txtNivel = new javax.swing.JTextField();  
 28 btnGuardar = new javax.swing.JButton();  
 29 btnVolver = new javax.swing.JButton();  
 30 fondo = new javax.swing.JLabel();  
 31   
 32 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 33 setResizable(false);  
 34 addWindowListener(new java.awt.event.WindowAdapter() {  
 35 public void windowOpened(java.awt.event.WindowEvent evt) {  
 36 formWindowOpened(evt);  
 37 }  
 38 });  
 39 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 40   
 41 jLabel1.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
 42 jLabel1.setText("ALTA INTENDENTE");  
 43 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 11, -1, -1));  
 44   
 45 jLabel2.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 46 jLabel2.setText("CLAVE:");  
 47 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 52, -1, -1));  
 48   
 49 jLabel3.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 50 jLabel3.setText("NOMBRE:");  
 51 getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 92, -1, -1));  
 52   
 53 jLabel4.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 54 jLabel4.setText("AÑO DE INGRESO:");  
 55 getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 131, -1, -1));  
 56   
 57 jLabel5.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 58 jLabel5.setText("AREA:");  
 59 getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 170, -1, -1));  
 60   
 61 jLabel6.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 62 jLabel6.setText("NIVEL:");  
 63 getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 209, -1, -1));  
 64   
 65 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 66 txtClave.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 67 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 49, 219, -1));  
 68   
 69 btnBuscar.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
 70 btnBuscar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/bsq.png"))); // NOI18N  
 71 btnBuscar.setText(" ");  
 72 btnBuscar.setToolTipText("Buscar");  
 73 btnBuscar.setBorderPainted(false);  
 74 btnBuscar.setContentAreaFilled(false);  
 75 btnBuscar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 76 btnBuscar.addActionListener(new java.awt.event.ActionListener() {  
 77 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 78 btnBuscarActionPerformed(evt);  
 79 }  
 80 });  
 81 getContentPane().add(btnBuscar, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 40, -1, -1));  
 82   
 83 txtNombre.setEditable(false);  
 84 txtNombre.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 85 txtNombre.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 86 getContentPane().add(txtNombre, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 89, 312, -1));  
 87   
 88 txtAñoIngreso.setEditable(false);  
 89 txtAñoIngreso.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 90 txtAñoIngreso.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 91 getContentPane().add(txtAñoIngreso, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 128, 312, -1));  
 92   
 93 txtArea.setEditable(false);  
 94 txtArea.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 95 txtArea.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 96 getContentPane().add(txtArea, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 167, 312, -1));  
 97   
 98 txtNivel.setEditable(false);  
 99 txtNivel.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
100 txtNivel.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
101 getContentPane().add(txtNivel, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 206, 312, -1));  
102   
103 btnGuardar.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
104 btnGuardar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/gdr.png"))); // NOI18N  
105 btnGuardar.setText(" ");  
106 btnGuardar.setToolTipText("Guardar");  
107 btnGuardar.setBorderPainted(false);  
108 btnGuardar.setContentAreaFilled(false);  
109 btnGuardar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
110 btnGuardar.setEnabled(false);  
111 btnGuardar.addActionListener(new java.awt.event.ActionListener() {  
112 public void actionPerformed(java.awt.event.ActionEvent evt) {  
113 btnGuardarActionPerformed(evt);  
114 }  
115 });  
116 getContentPane().add(btnGuardar, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 230, 50, 30));  
117   
118 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
119 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
120 btnVolver.setText(" ");  
121 btnVolver.setToolTipText("Volver");  
122 btnVolver.setBorderPainted(false);  
123 btnVolver.setContentAreaFilled(false);  
124 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
125 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
126 public void actionPerformed(java.awt.event.ActionEvent evt) {  
127 btnVolverActionPerformed(evt);  
128 }  
129 });  
130 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 10, -1, -1));  
131   
132 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/fondo.jpg"))); // NOI18N  
133 fondo.setText(" ");  
134 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-510, -520, 980, -1));  
135   
136 pack();  
137 setLocationRelativeTo(null);  
138 }// </editor-fold>//GEN-END:initComponents  
139   
140 private void btnBuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnBuscarActionPerformed  
141 try{   
142 int clave, celda;  
143 clave = Integer.parseInt(txtClave.getText());  
144 if(clave > 100 && clave < 1000){  
145 celda = Principal.adp.getCelda(clave);  
146 if(celda == -1){  
147 txtClave.setEditable(false);  
148 btnBuscar.setEnabled(false);  
149 txtNombre.setEditable(true);  
150 txtAñoIngreso.setEditable(true);  
151 txtArea.setEditable(true);  
152 txtNivel.setEditable(true);  
153 btnGuardar.setEnabled(true);  
154 }  
155 else{  
156 JOptionPane.showMessageDialog(this, "Esa clave ya esta registrada",   
157 "CLAVE EXISTENTE", JOptionPane.ERROR\_MESSAGE);  
158 }  
159 }  
160 else{  
161 JOptionPane.showMessageDialog(this, "Ingrese una clave de 101 a 999",   
162 "CLAVE FUERA DE RANGO", JOptionPane.ERROR\_MESSAGE);  
163 }  
164 }catch(NumberFormatException nfe){  
165 JOptionPane.showMessageDialog(this, "Ingresa solamente numeros enteros ",   
166 "CARACTER INVALIDO", JOptionPane.ERROR\_MESSAGE);   
167 }catch(RuntimeException e){  
168 JOptionPane.showMessageDialog(this, "Situacion anomala en tiempo de ejecucion, vuelve a intentarlo",   
169 "SITUACION ANOMALA", JOptionPane.ERROR\_MESSAGE);  
170 }   
171   
172 }//GEN-LAST:event\_btnBuscarActionPerformed  
173   
174 private void btnGuardarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnGuardarActionPerformed  
175 int clave, añoIngreso, nivel;  
176 String nombre, area;  
177   
178 try{  
179 clave = Integer.parseInt(txtClave.getText());  
180 nombre = txtNombre.getText();  
181 añoIngreso = Integer.parseInt(txtAñoIngreso.getText());  
182 if(añoIngreso > Principal.añoActual){  
183 JOptionPane.showMessageDialog(this, "Ingresaste un año futuro, ingresa un año correcto",  
184 "AÑO FUTURO", JOptionPane.INFORMATION\_MESSAGE);  
185 }  
186 else{  
187 area = txtArea.getText();  
188 nivel = Integer.parseInt(txtNivel.getText());  
189 Personal pers = new Intendente(clave, nombre, añoIngreso, area, nivel);  
190   
191 Principal.adp.agregar(pers);  
192 JOptionPane.showMessageDialog(this, "Guardado con exito",  
193 "GUARDADO", JOptionPane.INFORMATION\_MESSAGE);  
194 this.dispose();  
195 }  
196 }catch(NumberFormatException nfe){  
197 JOptionPane.showMessageDialog(this, "Ingresa solamente numeros enteros donde corresponda",   
198 "CARACTER INVALIDO", JOptionPane.ERROR\_MESSAGE);   
199 }catch(RuntimeException e){  
200 JOptionPane.showMessageDialog(this, "Situacion anomala en tiempo de ejecucion, vuelve a intentarlo",   
201 "SITUACION ANOMALA", JOptionPane.ERROR\_MESSAGE);  
202 }   
203 }//GEN-LAST:event\_btnGuardarActionPerformed  
204   
205 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
206 this.dispose();  
207 }//GEN-LAST:event\_btnVolverActionPerformed  
208   
209 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
210 txtClave.requestFocus();  
211 }//GEN-LAST:event\_formWindowOpened  
212   
213 // Variables declaration - do not modify//GEN-BEGIN:variables  
214 private javax.swing.JButton btnBuscar;  
215 private javax.swing.JButton btnGuardar;  
216 private javax.swing.JButton btnVolver;  
217 private javax.swing.JLabel fondo;  
218 private javax.swing.JLabel jLabel1;  
219 private javax.swing.JLabel jLabel2;  
220 private javax.swing.JLabel jLabel3;  
221 private javax.swing.JLabel jLabel4;  
222 private javax.swing.JLabel jLabel5;  
223 private javax.swing.JLabel jLabel6;  
224 private javax.swing.JTextField txtArea;  
225 private javax.swing.JTextField txtAñoIngreso;  
226 private javax.swing.JTextField txtClave;  
227 private javax.swing.JTextField txtNivel;  
228 private javax.swing.JTextField txtNombre;  
229 // End of variables declaration//GEN-END:variables  
230 }  
231

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4 public class FrmAltaProfesor extends javax.swing.JDialog {  
 5   
 6 public FrmAltaProfesor(java.awt.Frame parent, boolean modal) {  
 7 super(parent, modal);  
 8 initComponents();  
 9 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 10 }  
 11   
 12 @SuppressWarnings("unchecked")  
 13 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 14 private void initComponents() {  
 15   
 16 jLabel1 = new javax.swing.JLabel();  
 17 jLabel2 = new javax.swing.JLabel();  
 18 jLabel3 = new javax.swing.JLabel();  
 19 jLabel4 = new javax.swing.JLabel();  
 20 jLabel5 = new javax.swing.JLabel();  
 21 jLabel6 = new javax.swing.JLabel();  
 22 jLabel7 = new javax.swing.JLabel();  
 23 txtClave = new javax.swing.JTextField();  
 24 txtNombre = new javax.swing.JTextField();  
 25 txtAñoIngreso = new javax.swing.JTextField();  
 26 txtTitulo = new javax.swing.JTextField();  
 27 txtDepartamento = new javax.swing.JTextField();  
 28 txtHoras = new javax.swing.JTextField();  
 29 btnBuscar = new javax.swing.JButton();  
 30 btnGuardar = new javax.swing.JButton();  
 31 btnVolver = new javax.swing.JButton();  
 32 fondo = new javax.swing.JLabel();  
 33   
 34 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 35 setMaximumSize(new java.awt.Dimension(4700, 2800));  
 36 setMinimumSize(new java.awt.Dimension(470, 320));  
 37 setPreferredSize(new java.awt.Dimension(470, 350));  
 38 setResizable(false);  
 39 addWindowListener(new java.awt.event.WindowAdapter() {  
 40 public void windowOpened(java.awt.event.WindowEvent evt) {  
 41 formWindowOpened(evt);  
 42 }  
 43 });  
 44 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 45   
 46 jLabel1.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
 47 jLabel1.setText("ALTA PROFESOR");  
 48 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(196, 11, -1, -1));  
 49   
 50 jLabel2.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 51 jLabel2.setText("CLAVE:");  
 52 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 51, -1, -1));  
 53   
 54 jLabel3.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 55 jLabel3.setText("NOMBRE:");  
 56 getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 92, -1, -1));  
 57   
 58 jLabel4.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 59 jLabel4.setText("AÑO DE INGRESO:");  
 60 getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 131, -1, -1));  
 61   
 62 jLabel5.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 63 jLabel5.setText("TITULO:");  
 64 getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 170, -1, -1));  
 65   
 66 jLabel6.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 67 jLabel6.setText("DEPARTAMENTO:");  
 68 getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 209, -1, -1));  
 69   
 70 jLabel7.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 71 jLabel7.setText("HORAS:");  
 72 getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 248, -1, -1));  
 73   
 74 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 75 txtClave.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 76 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 48, 221, -1));  
 77   
 78 txtNombre.setEditable(false);  
 79 txtNombre.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 80 txtNombre.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 81 getContentPane().add(txtNombre, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 89, 312, -1));  
 82   
 83 txtAñoIngreso.setEditable(false);  
 84 txtAñoIngreso.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 85 txtAñoIngreso.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 86 getContentPane().add(txtAñoIngreso, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 128, 312, -1));  
 87   
 88 txtTitulo.setEditable(false);  
 89 txtTitulo.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 90 txtTitulo.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 91 getContentPane().add(txtTitulo, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 167, 312, -1));  
 92   
 93 txtDepartamento.setEditable(false);  
 94 txtDepartamento.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 95 txtDepartamento.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 96 getContentPane().add(txtDepartamento, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 206, 312, -1));  
 97   
 98 txtHoras.setEditable(false);  
 99 txtHoras.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
100 txtHoras.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
101 getContentPane().add(txtHoras, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 245, 312, -1));  
102   
103 btnBuscar.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
104 btnBuscar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/bsq.png"))); // NOI18N  
105 btnBuscar.setText(" ");  
106 btnBuscar.setToolTipText("Buscar");  
107 btnBuscar.setBorderPainted(false);  
108 btnBuscar.setContentAreaFilled(false);  
109 btnBuscar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
110 btnBuscar.addActionListener(new java.awt.event.ActionListener() {  
111 public void actionPerformed(java.awt.event.ActionEvent evt) {  
112 btnBuscarActionPerformed(evt);  
113 }  
114 });  
115 getContentPane().add(btnBuscar, new org.netbeans.lib.awtextra.AbsoluteConstraints(360, 40, -1, -1));  
116   
117 btnGuardar.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
118 btnGuardar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/gdr.png"))); // NOI18N  
119 btnGuardar.setText(" ");  
120 btnGuardar.setToolTipText("Guardar");  
121 btnGuardar.setBorderPainted(false);  
122 btnGuardar.setContentAreaFilled(false);  
123 btnGuardar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
124 btnGuardar.setEnabled(false);  
125 btnGuardar.addActionListener(new java.awt.event.ActionListener() {  
126 public void actionPerformed(java.awt.event.ActionEvent evt) {  
127 btnGuardarActionPerformed(evt);  
128 }  
129 });  
130 getContentPane().add(btnGuardar, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 270, 50, 30));  
131   
132 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
133 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
134 btnVolver.setText(" ");  
135 btnVolver.setToolTipText("Volver");  
136 btnVolver.setBorderPainted(false);  
137 btnVolver.setContentAreaFilled(false);  
138 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
139 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
140 public void actionPerformed(java.awt.event.ActionEvent evt) {  
141 btnVolverActionPerformed(evt);  
142 }  
143 });  
144 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 10, -1, -1));  
145   
146 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/fondo.jpg"))); // NOI18N  
147 fondo.setText(" ");  
148 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-530, -480, 990, 810));  
149   
150 pack();  
151 setLocationRelativeTo(null);  
152 }// </editor-fold>//GEN-END:initComponents  
153   
154 private void btnBuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnBuscarActionPerformed  
155 try{   
156 int clave, celda;  
157 clave = Integer.parseInt(txtClave.getText());  
158 if(clave > 100 && clave < 1000){  
159 celda = Principal.adp.getCelda(clave);  
160 if(celda == -1){  
161 txtClave.setEditable(false);  
162 btnBuscar.setEnabled(false);  
163 txtNombre.setEditable(true);  
164 txtAñoIngreso.setEditable(true);  
165 txtTitulo.setEditable(true);  
166 txtDepartamento.setEditable(true);  
167 txtHoras.setEditable(true);  
168 btnGuardar.setEnabled(true);  
169 }  
170 else{  
171 JOptionPane.showMessageDialog(this, "Esa clave ya esta registrada",   
172 "CLAVE EXISTENTE", JOptionPane.ERROR\_MESSAGE);  
173 }  
174 }  
175 else{  
176 JOptionPane.showMessageDialog(this, "Ingrese una clave de 101 a 999",   
177 "CLAVE FUERA DE RANGO", JOptionPane.ERROR\_MESSAGE);  
178 }  
179 }catch(NumberFormatException nfe){  
180 JOptionPane.showMessageDialog(this, "Ingresa solamente numeros enteros ",   
181 "CARACTER INVALIDO", JOptionPane.ERROR\_MESSAGE);   
182 }catch(RuntimeException e){  
183 JOptionPane.showMessageDialog(this, "Situacion anomala en tiempo de ejecucion, vuelve a intentarlo",   
184 "SITUACION ANOMALA", JOptionPane.ERROR\_MESSAGE);  
185 }   
186   
187   
188 }//GEN-LAST:event\_btnBuscarActionPerformed  
189   
190 private void btnGuardarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnGuardarActionPerformed  
191 int clave, añoIngreso, horas;  
192 String nombre, titulo, departamento;  
193 try{  
194 clave = Integer.parseInt(txtClave.getText());  
195 nombre = txtNombre.getText();  
196 añoIngreso = Integer.parseInt(txtAñoIngreso.getText());  
197 if(añoIngreso > Principal.añoActual){  
198 JOptionPane.showMessageDialog(this, "Ingresaste un año futuro, ingresa un año correcto",  
199 "AÑO FUTURO", JOptionPane.INFORMATION\_MESSAGE);  
200 }   
201 else{  
202 titulo = txtTitulo.getText();  
203 departamento = txtDepartamento.getText();  
204 horas = Integer.parseInt(txtHoras.getText());  
205 Personal pers = new Profesor(clave, nombre, añoIngreso, titulo, departamento, horas);  
206 Principal.adp.agregar(pers);  
207 JOptionPane.showMessageDialog(this, "Guardado con exito",  
208 "GUARDADO", JOptionPane.INFORMATION\_MESSAGE);  
209 this.dispose();  
210 }  
211 }catch(NumberFormatException nfe){  
212 JOptionPane.showMessageDialog(this, "Ingresa solamente numeros enteros donde corresponda",   
213 "CARÃCTER INVALIDO", JOptionPane.ERROR\_MESSAGE);   
214 }catch(RuntimeException e){  
215 JOptionPane.showMessageDialog(this, "Situacion anomala en tiempo de ejecucion, vuelve a intentarlo",   
216 "SITUACIÃN ANOMALA", JOptionPane.ERROR\_MESSAGE);  
217 }   
218 }//GEN-LAST:event\_btnGuardarActionPerformed  
219   
220 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
221 this.dispose();  
222 }//GEN-LAST:event\_btnVolverActionPerformed  
223   
224 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
225 txtClave.requestFocus();  
226 }//GEN-LAST:event\_formWindowOpened  
227   
228 // Variables declaration - do not modify//GEN-BEGIN:variables  
229 private javax.swing.JButton btnBuscar;  
230 private javax.swing.JButton btnGuardar;  
231 private javax.swing.JButton btnVolver;  
232 private javax.swing.JLabel fondo;  
233 private javax.swing.JLabel jLabel1;  
234 private javax.swing.JLabel jLabel2;  
235 private javax.swing.JLabel jLabel3;  
236 private javax.swing.JLabel jLabel4;  
237 private javax.swing.JLabel jLabel5;  
238 private javax.swing.JLabel jLabel6;  
239 private javax.swing.JLabel jLabel7;  
240 private javax.swing.JTextField txtAñoIngreso;  
241 private javax.swing.JTextField txtClave;  
242 private javax.swing.JTextField txtDepartamento;  
243 private javax.swing.JTextField txtHoras;  
244 private javax.swing.JTextField txtNombre;  
245 private javax.swing.JTextField txtTitulo;  
246 // End of variables declaration//GEN-END:variables  
247 }  
248

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4 public class FrmBaja extends javax.swing.JDialog {  
 5   
 6 public FrmBaja(java.awt.Frame parent, boolean modal) {  
 7 super(parent, modal);  
 8 initComponents();  
 9 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 10 }  
 11   
 12 @SuppressWarnings("unchecked")  
 13 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 14 private void initComponents() {  
 15   
 16 jLabel1 = new javax.swing.JLabel();  
 17 btnBuscar = new javax.swing.JButton();  
 18 txtClave = new javax.swing.JTextField();  
 19 jLabel2 = new javax.swing.JLabel();  
 20 btnVolver = new javax.swing.JButton();  
 21 fondo = new javax.swing.JLabel();  
 22   
 23 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 24 setResizable(false);  
 25 addWindowListener(new java.awt.event.WindowAdapter() {  
 26 public void windowOpened(java.awt.event.WindowEvent evt) {  
 27 formWindowOpened(evt);  
 28 }  
 29 });  
 30 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 31   
 32 jLabel1.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 33 jLabel1.setText("CLAVE:");  
 34 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 50, -1, 20));  
 35   
 36 btnBuscar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/bsq.png"))); // NOI18N  
 37 btnBuscar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 38 btnBuscar.addActionListener(new java.awt.event.ActionListener() {  
 39 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 40 btnBuscarActionPerformed(evt);  
 41 }  
 42 });  
 43 getContentPane().add(btnBuscar, new org.netbeans.lib.awtextra.AbsoluteConstraints(160, 50, 30, 30));  
 44   
 45 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 46 txtClave.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 47 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 50, 70, -1));  
 48   
 49 jLabel2.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
 50 jLabel2.setText("BAJAS");  
 51 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(81, 11, -1, -1));  
 52   
 53 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
 54 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
 55 btnVolver.setText(" ");  
 56 btnVolver.setToolTipText("Volver");  
 57 btnVolver.setBorderPainted(false);  
 58 btnVolver.setContentAreaFilled(false);  
 59 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 60 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
 61 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 62 btnVolverActionPerformed(evt);  
 63 }  
 64 });  
 65 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 50, -1));  
 66   
 67 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/mini.jpg"))); // NOI18N  
 68 fondo.setText(" ");  
 69 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-190, 0, 400, 100));  
 70   
 71 pack();  
 72 setLocationRelativeTo(null);  
 73 }// </editor-fold>//GEN-END:initComponents  
 74   
 75 private void btnBuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnBuscarActionPerformed  
 76 try{   
 77 int clave =Integer.parseInt(txtClave.getText());  
 78 if(clave >= 101 && clave <= 999){  
 79 int celda = Principal.adp.getCelda(clave);  
 80 if(celda != -1){  
 81 if(Principal.adp.getPersonal(celda) instanceof Profesor){  
 82 FrmBajaProfesor bp = new FrmBajaProfesor(null, true);  
 83 bp.showMe(celda);  
 84 this.dispose();  
 85 bp.setVisible(true);  
 86 }  
 87 else {  
 88 FrmBajaIntendente bi = new FrmBajaIntendente(null, true);  
 89 bi.showMe(celda);  
 90 this.dispose();  
 91 bi.setVisible(true);  
 92 }  
 93 }  
 94 else{  
 95 JOptionPane.showMessageDialog(this, "Esa clave no esta registrada",   
 96 "CLAVE INEXISTENTE", JOptionPane.ERROR\_MESSAGE);  
 97 }  
 98 }  
 99 else{  
100 JOptionPane.showMessageDialog(this, "Ingrese una clave de 101 a 999",   
101 "CLAVE FUERA DE RANGO", JOptionPane.ERROR\_MESSAGE);  
102 }  
103 }catch(NumberFormatException nfe){  
104 JOptionPane.showMessageDialog(this, "Ingresa solamente numeros enteros ",   
105 "CARACTER INVALIDO", JOptionPane.ERROR\_MESSAGE);   
106 }catch(RuntimeException e){  
107 JOptionPane.showMessageDialog(this, "Situacion anomala en tiempo de ejecucion, vuelve a intentarlo",   
108 "SITUACION ANOMALA", JOptionPane.ERROR\_MESSAGE);  
109 }   
110 }//GEN-LAST:event\_btnBuscarActionPerformed  
111   
112 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
113 this.dispose();  
114 }//GEN-LAST:event\_btnVolverActionPerformed  
115   
116 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
117 txtClave.requestFocus();  
118 }//GEN-LAST:event\_formWindowOpened  
119   
120 /\*\*  
121 \* @param args the command line arguments  
122 \*/  
123   
124 // Variables declaration - do not modify//GEN-BEGIN:variables  
125 private javax.swing.JButton btnBuscar;  
126 private javax.swing.JButton btnVolver;  
127 private javax.swing.JLabel fondo;  
128 private javax.swing.JLabel jLabel1;  
129 private javax.swing.JLabel jLabel2;  
130 private javax.swing.JTextField txtClave;  
131 // End of variables declaration//GEN-END:variables  
132 }  
133

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4 public class FrmBajaIntendente extends javax.swing.JDialog {  
 5 int celda;  
 6 Personal per;  
 7   
 8 public FrmBajaIntendente(java.awt.Frame parent, boolean modal) {  
 9 super(parent, modal);  
 10 initComponents();  
 11 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 12 }  
 13   
 14 @SuppressWarnings("unchecked")  
 15 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 16 private void initComponents() {  
 17   
 18 txtClave = new javax.swing.JTextField();  
 19 txtNombre = new javax.swing.JTextField();  
 20 txtAñoIngreso = new javax.swing.JTextField();  
 21 jLabel1 = new javax.swing.JLabel();  
 22 jLabel2 = new javax.swing.JLabel();  
 23 jLabel3 = new javax.swing.JLabel();  
 24 btnEliminar = new javax.swing.JButton();  
 25 jLabel7 = new javax.swing.JLabel();  
 26 txtArea = new javax.swing.JTextField();  
 27 txtNivel = new javax.swing.JTextField();  
 28 jLabel8 = new javax.swing.JLabel();  
 29 jLabel4 = new javax.swing.JLabel();  
 30 btnVolver = new javax.swing.JButton();  
 31 fondo = new javax.swing.JLabel();  
 32   
 33 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 34 setResizable(false);  
 35 addWindowListener(new java.awt.event.WindowAdapter() {  
 36 public void windowClosed(java.awt.event.WindowEvent evt) {  
 37 formWindowClosed(evt);  
 38 }  
 39 });  
 40 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 41   
 42 txtClave.setEditable(false);  
 43 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 44 txtClave.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 45 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 48, 326, -1));  
 46   
 47 txtNombre.setEditable(false);  
 48 txtNombre.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 49 txtNombre.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 50 getContentPane().add(txtNombre, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 87, 326, -1));  
 51   
 52 txtAñoIngreso.setEditable(false);  
 53 txtAñoIngreso.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 54 txtAñoIngreso.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 55 getContentPane().add(txtAñoIngreso, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 125, 326, -1));  
 56   
 57 jLabel1.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 58 jLabel1.setText("CLAVE:");  
 59 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 51, -1, -1));  
 60   
 61 jLabel2.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 62 jLabel2.setText("NOMBRE:");  
 63 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 90, -1, -1));  
 64   
 65 jLabel3.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 66 jLabel3.setText("AÑO DE INGRESO:");  
 67 getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 131, -1, -1));  
 68   
 69 btnEliminar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/elm.png"))); // NOI18N  
 70 btnEliminar.setText(" ");  
 71 btnEliminar.setToolTipText("Eliminar");  
 72 btnEliminar.setBorderPainted(false);  
 73 btnEliminar.setContentAreaFilled(false);  
 74 btnEliminar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 75 btnEliminar.addActionListener(new java.awt.event.ActionListener() {  
 76 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 77 btnEliminarActionPerformed(evt);  
 78 }  
 79 });  
 80 getContentPane().add(btnEliminar, new org.netbeans.lib.awtextra.AbsoluteConstraints(119, 238, 304, 30));  
 81   
 82 jLabel7.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 83 jLabel7.setText("AREA:");  
 84 getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 173, -1, -1));  
 85   
 86 txtArea.setEditable(false);  
 87 txtArea.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 88 txtArea.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 89 getContentPane().add(txtArea, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 167, 326, -1));  
 90   
 91 txtNivel.setEditable(false);  
 92 txtNivel.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 93 txtNivel.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 94 getContentPane().add(txtNivel, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 206, 326, -1));  
 95   
 96 jLabel8.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 97 jLabel8.setText("NIVEL:");  
 98 getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 209, -1, -1));  
 99   
100 jLabel4.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
101 jLabel4.setText("BAJA INTENDENTE");  
102 getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(202, 11, -1, -1));  
103   
104 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
105 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
106 btnVolver.setText(" ");  
107 btnVolver.setToolTipText("Volver");  
108 btnVolver.setBorderPainted(false);  
109 btnVolver.setContentAreaFilled(false);  
110 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
111 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
112 public void actionPerformed(java.awt.event.ActionEvent evt) {  
113 btnVolverActionPerformed(evt);  
114 }  
115 });  
116 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 50, -1));  
117   
118 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/fondo.jpg"))); // NOI18N  
119 fondo.setText(" ");  
120 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-530, -520, 980, -1));  
121   
122 pack();  
123 setLocationRelativeTo(null);  
124 }// </editor-fold>//GEN-END:initComponents  
125   
126 private void btnEliminarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnEliminarActionPerformed  
127 int respuesta = JOptionPane.showConfirmDialog(this, "Esta seguro de eliminarlo",   
128 "Confirmando eliminacion",   
129 JOptionPane.YES\_NO\_OPTION,   
130 JOptionPane.QUESTION\_MESSAGE,  
131 null);  
132 if(respuesta == JOptionPane.YES\_OPTION){  
133 Principal.adp.eliminar(celda);  
134 JOptionPane.showMessageDialog(this, "El intendente a sido eliminado satisfactoriamente",   
135 "ELIMINACION EXITOSA", JOptionPane.ERROR\_MESSAGE);  
136 }  
137 else{  
138 JOptionPane.showMessageDialog(this, "No se ha realizado la eliminacion",   
139 "ELIMINACION CANCELADA", JOptionPane.ERROR\_MESSAGE);  
140 }  
141 this.dispose();  
142 }//GEN-LAST:event\_btnEliminarActionPerformed  
143   
144 private void formWindowClosed(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowClosed  
145 this.dispose();  
146 }//GEN-LAST:event\_formWindowClosed  
147   
148 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
149 this.dispose();  
150 }//GEN-LAST:event\_btnVolverActionPerformed  
151   
152 /\*\*  
153 \* @param args the command line arguments  
154 \*/  
155   
156 public void showMe(int celda){  
157 this.celda = celda;  
158 per = Principal.adp.getPersonal(celda);  
159 txtClave.setText(Integer.toString(per.getClave()));  
160 txtNombre.setText(per.getNombre());  
161 txtAñoIngreso.setText(Integer.toString(per.getAñoIngreso()));  
162 txtArea.setText(((Intendente)per).getArea());  
163 txtNivel.setText(Integer.toString(((Intendente)per).getNivel()));  
164 }  
165 // Variables declaration - do not modify//GEN-BEGIN:variables  
166 private javax.swing.JButton btnEliminar;  
167 private javax.swing.JButton btnVolver;  
168 private javax.swing.JLabel fondo;  
169 private javax.swing.JLabel jLabel1;  
170 private javax.swing.JLabel jLabel2;  
171 private javax.swing.JLabel jLabel3;  
172 private javax.swing.JLabel jLabel4;  
173 private javax.swing.JLabel jLabel7;  
174 private javax.swing.JLabel jLabel8;  
175 private javax.swing.JTextField txtArea;  
176 private javax.swing.JTextField txtAñoIngreso;  
177 private javax.swing.JTextField txtClave;  
178 private javax.swing.JTextField txtNivel;  
179 private javax.swing.JTextField txtNombre;  
180 // End of variables declaration//GEN-END:variables  
181 }  
182

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4 public class FrmBajaProfesor extends javax.swing.JDialog {  
 5 int celda;  
 6 Personal per;  
 7   
 8 public FrmBajaProfesor(java.awt.Frame parent, boolean modal) {  
 9 super(parent, modal);  
 10 initComponents();  
 11 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 12 }  
 13 @SuppressWarnings("unchecked")  
 14 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 15 private void initComponents() {  
 16   
 17 txtClave = new javax.swing.JTextField();  
 18 txtNombre = new javax.swing.JTextField();  
 19 txtAñoIngreso = new javax.swing.JTextField();  
 20 txtTitulo = new javax.swing.JTextField();  
 21 txtDepartamento = new javax.swing.JTextField();  
 22 txtHoras = new javax.swing.JTextField();  
 23 jLabel1 = new javax.swing.JLabel();  
 24 jLabel2 = new javax.swing.JLabel();  
 25 jLabel3 = new javax.swing.JLabel();  
 26 jLabel4 = new javax.swing.JLabel();  
 27 jLabel5 = new javax.swing.JLabel();  
 28 jLabel6 = new javax.swing.JLabel();  
 29 btnEliminar = new javax.swing.JButton();  
 30 jLabel7 = new javax.swing.JLabel();  
 31 btnVolver = new javax.swing.JButton();  
 32 fondo = new javax.swing.JLabel();  
 33   
 34 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 35 setResizable(false);  
 36 addWindowListener(new java.awt.event.WindowAdapter() {  
 37 public void windowClosed(java.awt.event.WindowEvent evt) {  
 38 formWindowClosed(evt);  
 39 }  
 40 });  
 41 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 42   
 43 txtClave.setEditable(false);  
 44 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 45 txtClave.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 46 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(107, 53, 328, -1));  
 47   
 48 txtNombre.setEditable(false);  
 49 txtNombre.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 50 txtNombre.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 51 getContentPane().add(txtNombre, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 85, 326, -1));  
 52   
 53 txtAñoIngreso.setEditable(false);  
 54 txtAñoIngreso.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 55 txtAñoIngreso.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 56 getContentPane().add(txtAñoIngreso, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 124, 326, -1));  
 57   
 58 txtTitulo.setEditable(false);  
 59 txtTitulo.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 60 txtTitulo.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 61 getContentPane().add(txtTitulo, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 160, 326, -1));  
 62   
 63 txtDepartamento.setEditable(false);  
 64 txtDepartamento.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 65 txtDepartamento.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 66 getContentPane().add(txtDepartamento, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 200, 328, -1));  
 67   
 68 txtHoras.setEditable(false);  
 69 txtHoras.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 70 txtHoras.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 71 getContentPane().add(txtHoras, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 240, 328, -1));  
 72   
 73 jLabel1.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 74 jLabel1.setText("CLAVE:");  
 75 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 56, -1, -1));  
 76   
 77 jLabel2.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 78 jLabel2.setText("NOMBRE:");  
 79 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 88, -1, -1));  
 80   
 81 jLabel3.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 82 jLabel3.setText("AÑO DE INGRESO:");  
 83 getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 127, -1, -1));  
 84   
 85 jLabel4.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 86 jLabel4.setText("TITULO:");  
 87 getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 166, -1, -1));  
 88   
 89 jLabel5.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 90 jLabel5.setText("DEPARTAMENTO:");  
 91 getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 200, -1, -1));  
 92   
 93 jLabel6.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 94 jLabel6.setText("HORAS:");  
 95 getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 240, -1, -1));  
 96   
 97 btnEliminar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/elm.png"))); // NOI18N  
 98 btnEliminar.setText(" ");  
 99 btnEliminar.setToolTipText("Eliminar");  
100 btnEliminar.setBorderPainted(false);  
101 btnEliminar.setContentAreaFilled(false);  
102 btnEliminar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
103 btnEliminar.addActionListener(new java.awt.event.ActionListener() {  
104 public void actionPerformed(java.awt.event.ActionEvent evt) {  
105 btnEliminarActionPerformed(evt);  
106 }  
107 });  
108 getContentPane().add(btnEliminar, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 270, 307, 32));  
109   
110 jLabel7.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
111 jLabel7.setText("BAJA PROFESOR");  
112 getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(192, 16, -1, -1));  
113   
114 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
115 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
116 btnVolver.setText(" ");  
117 btnVolver.setToolTipText("Volver");  
118 btnVolver.setBorderPainted(false);  
119 btnVolver.setContentAreaFilled(false);  
120 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
121 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
122 public void actionPerformed(java.awt.event.ActionEvent evt) {  
123 btnVolverActionPerformed(evt);  
124 }  
125 });  
126 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 50, -1));  
127   
128 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/fondo.jpg"))); // NOI18N  
129 fondo.setText("jLabel8");  
130 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-520, -500, 970, 820));  
131   
132 pack();  
133 setLocationRelativeTo(null);  
134 }// </editor-fold>//GEN-END:initComponents  
135   
136 private void btnEliminarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnEliminarActionPerformed  
137 int respuesta = JOptionPane.showConfirmDialog(this, "Esta seguro de eliminarlo",   
138 "Confirmando eliminacion",   
139 JOptionPane.YES\_NO\_OPTION,   
140 JOptionPane.QUESTION\_MESSAGE,  
141 null);  
142 if(respuesta == JOptionPane.YES\_OPTION){  
143 Principal.adp.eliminar(celda);  
144 JOptionPane.showMessageDialog(this, "El profesor a sido eliminado satisfactoriamente",   
145 "ELIMINACION EXITOSA", JOptionPane.ERROR\_MESSAGE);  
146 }else{  
147 JOptionPane.showMessageDialog(this, "No se ha realizado la eliminacion",   
148 "ELIMINACION CANCELADA", JOptionPane.ERROR\_MESSAGE);  
149 }  
150   
151 this.dispose();  
152 }//GEN-LAST:event\_btnEliminarActionPerformed  
153   
154 private void formWindowClosed(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowClosed  
155 this.dispose();  
156 }//GEN-LAST:event\_formWindowClosed  
157   
158 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
159 this.dispose();  
160 }//GEN-LAST:event\_btnVolverActionPerformed  
161   
162 public void showMe(int celda){  
163 this.celda = celda;  
164 per = Principal.adp.getPersonal(celda);  
165 txtClave.setText(Integer.toString(per.getClave()));  
166 txtNombre.setText(per.getNombre());  
167 txtAñoIngreso.setText(Integer.toString(per.getAñoIngreso()));  
168 txtTitulo.setText(((Profesor)per).getTitulo());  
169 txtDepartamento.setText(((Profesor)per).getDepartamento());  
170 txtHoras.setText(Integer.toString(((Profesor)per).getHoras()));  
171 }  
172 /\*\*  
173 \* @param args the command line arguments  
174 \*/  
175   
176 // Variables declaration - do not modify//GEN-BEGIN:variables  
177 private javax.swing.JButton btnEliminar;  
178 private javax.swing.JButton btnVolver;  
179 private javax.swing.JLabel fondo;  
180 private javax.swing.JLabel jLabel1;  
181 private javax.swing.JLabel jLabel2;  
182 private javax.swing.JLabel jLabel3;  
183 private javax.swing.JLabel jLabel4;  
184 private javax.swing.JLabel jLabel5;  
185 private javax.swing.JLabel jLabel6;  
186 private javax.swing.JLabel jLabel7;  
187 private javax.swing.JTextField txtAñoIngreso;  
188 private javax.swing.JTextField txtClave;  
189 private javax.swing.JTextField txtDepartamento;  
190 private javax.swing.JTextField txtHoras;  
191 private javax.swing.JTextField txtNombre;  
192 private javax.swing.JTextField txtTitulo;  
193 // End of variables declaration//GEN-END:variables  
194 }  
195

1 package SRC;  
 2 import java.util.ArrayList;  
 3 import javax.swing.ImageIcon;  
 4 public class FrmConsGnrlIntendente extends javax.swing.JDialog {  
 5   
 6 ArrayList<Personal>personal = new ArrayList<>();  
 7   
 8 public FrmConsGnrlIntendente(java.awt.Frame parent, boolean modal) {  
 9 super(parent, modal);  
10 initComponents();  
11 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
12 }  
13   
14 @SuppressWarnings("unchecked")  
15 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
16 private void initComponents() {  
17   
18 jScrollPane1 = new javax.swing.JScrollPane();  
19 tablaPersonal = new javax.swing.JTable();  
20   
21 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
22 setResizable(false);  
23 addWindowListener(new java.awt.event.WindowAdapter() {  
24 public void windowOpened(java.awt.event.WindowEvent evt) {  
25 formWindowOpened(evt);  
26 }  
27 });  
28 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
29   
30 tablaPersonal.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
31 tablaPersonal.setModel(new javax.swing.table.DefaultTableModel(  
32 new Object [][] {  
33 {null, null, null},  
34 {null, null, null},  
35 {null, null, null},  
36 {null, null, null}  
37 },  
38 new String [] {  
39 "Clave", "Nombre", "Area"  
40 }  
41 ));  
42 tablaPersonal.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
43 jScrollPane1.setViewportView(tablaPersonal);  
44   
45 getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 10, 780, 275));  
46   
47 pack();  
48 setLocationRelativeTo(null);  
49 }// </editor-fold>//GEN-END:initComponents  
50   
51 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
52 int cont = Principal.adp.getCont();  
53 int posicion = 0;  
54 String pers[][] = new String[cont][3];  
55 String clave;  
56 Personal ads;  
57   
58 for(int x = 0; x < cont; x++)  
59 {  
60 ads = Principal.adp.getPersonal(x);  
61 personal.add(ads);  
62 clave = Integer.toString(personal.get(x).getClave());  
63 if(personal.get(x) instanceof Intendente)  
64 {  
65 pers[posicion][0] = clave;  
66 pers[posicion][1] = personal.get(x).getNombre();  
67 pers[posicion][2] = ((Intendente)personal.get(x)).getArea();  
68 posicion += 1;  
69 }  
70   
71 }  
72 tablaPersonal.setModel(new javax.swing.table.DefaultTableModel(  
73 pers,  
74 new String [] {  
75 "Clave", "Nombre", "Area"  
76 }  
77 ));  
78 }//GEN-LAST:event\_formWindowOpened  
79   
80 // Variables declaration - do not modify//GEN-BEGIN:variables  
81 private javax.swing.JScrollPane jScrollPane1;  
82 private javax.swing.JTable tablaPersonal;  
83 // End of variables declaration//GEN-END:variables  
84 }  
85

1 package SRC;  
 2 import java.util.ArrayList;  
 3 import javax.swing.ImageIcon;  
 4 public class FrmConsGnrlPersonal extends javax.swing.JDialog {  
 5   
 6 ArrayList<Personal>personal = new ArrayList<>();  
 7   
 8 public FrmConsGnrlPersonal(java.awt.Frame parent, boolean modal) {  
 9 super(parent, modal);  
 10 initComponents();  
 11 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 12 }  
 13   
 14 @SuppressWarnings("unchecked")  
 15 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 16 private void initComponents() {  
 17   
 18 jScrollPane1 = new javax.swing.JScrollPane();  
 19 tablaPersonal = new javax.swing.JTable();  
 20   
 21 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 22 setResizable(false);  
 23 addWindowListener(new java.awt.event.WindowAdapter() {  
 24 public void windowOpened(java.awt.event.WindowEvent evt) {  
 25 formWindowOpened(evt);  
 26 }  
 27 });  
 28   
 29 tablaPersonal.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 30 tablaPersonal.setModel(new javax.swing.table.DefaultTableModel(  
 31 new Object [][] {  
 32 {null, null, null},  
 33 {null, null, null},  
 34 {null, null, null},  
 35 {null, null, null}  
 36 },  
 37 new String [] {  
 38 "Clave", "Nombre", "Departamento/Area"  
 39 }  
 40 ));  
 41 jScrollPane1.setViewportView(tablaPersonal);  
 42   
 43 javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
 44 getContentPane().setLayout(layout);  
 45 layout.setHorizontalGroup(  
 46 layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 47 .addGroup(layout.createSequentialGroup()  
 48 .addContainerGap()  
 49 .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 853, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 50 .addContainerGap(18, Short.MAX\_VALUE))  
 51 );  
 52 layout.setVerticalGroup(  
 53 layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 54 .addGroup(layout.createSequentialGroup()  
 55 .addContainerGap()  
 56 .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 275, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 57 .addContainerGap(14, Short.MAX\_VALUE))  
 58 );  
 59   
 60 pack();  
 61 setLocationRelativeTo(null);  
 62 }// </editor-fold>//GEN-END:initComponents  
 63   
 64 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
 65 int cont = Principal.adp.getCont();  
 66 String pers[][] = new String[cont][3];  
 67 String clave;  
 68 Personal ads;  
 69   
 70 for(int x = 0; x < cont; x++)  
 71 {  
 72 ads = Principal.adp.getPersonal(x);  
 73 personal.add(ads);  
 74 clave = Integer.toString(personal.get(x).getClave());  
 75 pers[x][0] = clave;  
 76 pers[x][1] = personal.get(x).getNombre();  
 77 if(personal.get(x) instanceof Profesor)  
 78 {  
 79 pers[x][2] = ((Profesor)personal.get(x)).getDepartamento();  
 80 }  
 81 else  
 82 {  
 83 pers[x][2] = ((Intendente)personal.get(x)).getArea();  
 84 }  
 85   
 86 tablaPersonal.setModel(new javax.swing.table.DefaultTableModel(  
 87 pers,  
 88 new String [] {  
 89 "Clave", "Nombre", "Departamento/Area"  
 90 }  
 91 ));  
 92   
 93 }  
 94 }//GEN-LAST:event\_formWindowOpened  
 95   
 96 // Variables declaration - do not modify//GEN-BEGIN:variables  
 97 private javax.swing.JScrollPane jScrollPane1;  
 98 private javax.swing.JTable tablaPersonal;  
 99 // End of variables declaration//GEN-END:variables  
100 }  
101

1 package SRC;  
 2   
 3 import java.util.ArrayList;  
 4 import javax.swing.ImageIcon;  
 5 public class FrmConsGnrlProfesor extends javax.swing.JDialog {  
 6   
 7 ArrayList<Personal>personal = new ArrayList<>();  
 8   
 9 public FrmConsGnrlProfesor(java.awt.Frame parent, boolean modal) {  
 10 super(parent, modal);  
 11 initComponents();  
 12 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 13 }  
 14   
 15 @SuppressWarnings("unchecked")  
 16 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 17 private void initComponents() {  
 18   
 19 jScrollPane1 = new javax.swing.JScrollPane();  
 20 tablaPersonal = new javax.swing.JTable();  
 21 fondo = new javax.swing.JLabel();  
 22   
 23 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 24 setBackground(new java.awt.Color(255, 255, 255));  
 25 setResizable(false);  
 26 addWindowListener(new java.awt.event.WindowAdapter() {  
 27 public void windowOpened(java.awt.event.WindowEvent evt) {  
 28 formWindowOpened(evt);  
 29 }  
 30 });  
 31   
 32 tablaPersonal.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 33 tablaPersonal.setModel(new javax.swing.table.DefaultTableModel(  
 34 new Object [][] {  
 35 {null, null, null},  
 36 {null, null, null},  
 37 {null, null, null},  
 38 {null, null, null}  
 39 },  
 40 new String [] {  
 41 "Clave", "Nombre", "Departamento"  
 42 }  
 43 ));  
 44 jScrollPane1.setViewportView(tablaPersonal);  
 45   
 46 fondo.setText(" ");  
 47   
 48 javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
 49 getContentPane().setLayout(layout);  
 50 layout.setHorizontalGroup(  
 51 layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 52 .addGroup(layout.createSequentialGroup()  
 53 .addGap(23, 23, 23)  
 54 .addComponent(fondo)  
 55 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
 56 .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 802, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 57 .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))  
 58 );  
 59 layout.setVerticalGroup(  
 60 layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 61 .addGroup(layout.createSequentialGroup()  
 62 .addGap(88, 88, 88)  
 63 .addComponent(fondo)  
 64 .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))  
 65 .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  
 66 .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  
 67 .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 275, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 68 .addContainerGap())  
 69 );  
 70   
 71 pack();  
 72 setLocationRelativeTo(null);  
 73 }// </editor-fold>//GEN-END:initComponents  
 74   
 75 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
 76 int cont = Principal.adp.getCont();  
 77 int posicion = 0;  
 78 String pers[][] = new String[cont][3];  
 79 String clave;  
 80 Personal ads;  
 81   
 82 for(int x = 0; x < cont; x++)  
 83 {  
 84 ads = Principal.adp.getPersonal(x);  
 85 personal.add(ads);  
 86 clave = Integer.toString(personal.get(x).getClave());  
 87 if(personal.get(x) instanceof Profesor)  
 88 {  
 89 pers[posicion][0] = clave;  
 90 pers[posicion][1] = personal.get(x).getNombre();  
 91 pers[posicion][2] = ((Profesor)personal.get(x)).getDepartamento();  
 92 posicion += 1;  
 93 }  
 94   
 95 }  
 96 tablaPersonal.setModel(new javax.swing.table.DefaultTableModel(  
 97 pers,  
 98 new String [] {  
 99 "Clave", "Nombre", "Departamento"  
100 }  
101 ));  
102 }//GEN-LAST:event\_formWindowOpened  
103   
104 // Variables declaration - do not modify//GEN-BEGIN:variables  
105 private javax.swing.JLabel fondo;  
106 private javax.swing.JScrollPane jScrollPane1;  
107 private javax.swing.JTable tablaPersonal;  
108 // End of variables declaration//GEN-END:variables  
109 }  
110

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4 public class FrmConsInd extends javax.swing.JDialog {  
 5 Personal per;  
 6 int celda;  
 7 public FrmConsInd(java.awt.Frame parent, boolean modal) {  
 8 super(parent, modal);  
 9 initComponents();  
 10 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 11 }  
 12   
 13 @SuppressWarnings("unchecked")  
 14 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 15 private void initComponents() {  
 16   
 17 txtClave = new javax.swing.JTextField();  
 18 jLabel1 = new javax.swing.JLabel();  
 19 btnBuscar = new javax.swing.JButton();  
 20 jLabel2 = new javax.swing.JLabel();  
 21 btnVolver = new javax.swing.JButton();  
 22 fondo = new javax.swing.JLabel();  
 23   
 24 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 25 setResizable(false);  
 26 addWindowListener(new java.awt.event.WindowAdapter() {  
 27 public void windowClosed(java.awt.event.WindowEvent evt) {  
 28 formWindowClosed(evt);  
 29 }  
 30 public void windowOpened(java.awt.event.WindowEvent evt) {  
 31 formWindowOpened(evt);  
 32 }  
 33 });  
 34 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 35   
 36 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 37 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 50, 69, -1));  
 38   
 39 jLabel1.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 40 jLabel1.setText("CLAVE:");  
 41 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 50, -1, 20));  
 42   
 43 btnBuscar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/bsq.png"))); // NOI18N  
 44 btnBuscar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 45 btnBuscar.addActionListener(new java.awt.event.ActionListener() {  
 46 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 47 btnBuscarActionPerformed(evt);  
 48 }  
 49 });  
 50 getContentPane().add(btnBuscar, new org.netbeans.lib.awtextra.AbsoluteConstraints(160, 50, 30, 30));  
 51   
 52 jLabel2.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
 53 jLabel2.setText("CONSULTA INDIVIDUAL");  
 54 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 20, -1, -1));  
 55   
 56 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
 57 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
 58 btnVolver.setText(" ");  
 59 btnVolver.setToolTipText("Volver");  
 60 btnVolver.setBorderPainted(false);  
 61 btnVolver.setContentAreaFilled(false);  
 62 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 63 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
 64 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 65 btnVolverActionPerformed(evt);  
 66 }  
 67 });  
 68 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 0, 40, -1));  
 69   
 70 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/mini.jpg"))); // NOI18N  
 71 fondo.setText(" ");  
 72 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-120, 0, 360, 100));  
 73   
 74 pack();  
 75 setLocationRelativeTo(null);  
 76 }// </editor-fold>//GEN-END:initComponents  
 77   
 78 private void btnBuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnBuscarActionPerformed  
 79 try{   
 80 int clave = Integer.parseInt(txtClave.getText());  
 81 if(clave >= 101 && clave <= 999){  
 82 int celda = Principal.adp.getCelda(clave);  
 83 if(celda != -1){  
 84 if(Principal.adp.getPersonal(celda) instanceof Profesor){  
 85 FrmConsIndProfesor cp = new FrmConsIndProfesor(null, true);  
 86 cp.showMe(celda);  
 87 this.dispose();  
 88 cp.setVisible(true);  
 89 }  
 90 else {  
 91 FrmConsIndIntendente ci = new FrmConsIndIntendente(null, true);  
 92 ci.showMe(celda);  
 93 this.dispose();  
 94 ci.setVisible(true);  
 95 }  
 96 }  
 97 else{  
 98 JOptionPane.showMessageDialog(this, "Esa clave no esta registrada",   
 99 "CLAVE INEXISTENTE", JOptionPane.ERROR\_MESSAGE);  
100 }  
101 }  
102 else{  
103 JOptionPane.showMessageDialog(this, "Ingrese una clave de 101 a 999",   
104 "CLAVE FUERA DE RANGO", JOptionPane.ERROR\_MESSAGE);  
105 }  
106 }catch(NumberFormatException nfe){  
107 JOptionPane.showMessageDialog(this, "Ingresa solamente numeros enteros ",   
108 "CARACTER INVALIDO", JOptionPane.ERROR\_MESSAGE);   
109 }catch(RuntimeException e){  
110 JOptionPane.showMessageDialog(this, "Situacion anomala en tiempo de ejecuciÃ³n, vuelve a intentarlo",   
111 "SITUACION ANOMALA", JOptionPane.ERROR\_MESSAGE);  
112 }   
113 }//GEN-LAST:event\_btnBuscarActionPerformed  
114   
115 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
116 this.dispose();  
117 }//GEN-LAST:event\_btnVolverActionPerformed  
118   
119 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
120 txtClave.requestFocus();  
121 }//GEN-LAST:event\_formWindowOpened  
122   
123 private void formWindowClosed(java.awt.event.WindowEvent evt) {   
124 this.dispose();  
125 }  
126   
127 // Variables declaration - do not modify//GEN-BEGIN:variables  
128 private javax.swing.JButton btnBuscar;  
129 private javax.swing.JButton btnVolver;  
130 private javax.swing.JLabel fondo;  
131 private javax.swing.JLabel jLabel1;  
132 private javax.swing.JLabel jLabel2;  
133 private javax.swing.JTextField txtClave;  
134 // End of variables declaration//GEN-END:variables  
135 }  
136

1 package SRC;  
 2   
 3 import javax.swing.ImageIcon;  
 4   
 5 public class FrmConsIndProfesor extends javax.swing.JDialog {  
 6 Personal per;  
 7 public FrmConsIndProfesor(java.awt.Frame parent, boolean modal) {  
 8 super(parent, modal);  
 9 initComponents();  
 10 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 11 }  
 12   
 13 @SuppressWarnings("unchecked")  
 14 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 15 private void initComponents() {  
 16   
 17 jLabel1 = new javax.swing.JLabel();  
 18 jLabel3 = new javax.swing.JLabel();  
 19 jLabel4 = new javax.swing.JLabel();  
 20 jLabel5 = new javax.swing.JLabel();  
 21 jLabel6 = new javax.swing.JLabel();  
 22 jLabel7 = new javax.swing.JLabel();  
 23 txtNombre = new javax.swing.JTextField();  
 24 txtAñoIngreso = new javax.swing.JTextField();  
 25 txtTitulo = new javax.swing.JTextField();  
 26 txtDepartamento = new javax.swing.JTextField();  
 27 txtHoras = new javax.swing.JTextField();  
 28 txtClave = new javax.swing.JTextField();  
 29 jLabel2 = new javax.swing.JLabel();  
 30 jLabel8 = new javax.swing.JLabel();  
 31 txtUtilidad = new javax.swing.JTextField();  
 32 btnVolver = new javax.swing.JButton();  
 33 fondo = new javax.swing.JLabel();  
 34   
 35 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 36 setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 37 setResizable(false);  
 38 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 39   
 40 jLabel1.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
 41 jLabel1.setText("CONSULTA INDIVIDUAL PROFESOR");  
 42 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(123, 11, -1, -1));  
 43   
 44 jLabel3.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 45 jLabel3.setText("NOMBRE:");  
 46 getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 90, -1, -1));  
 47   
 48 jLabel4.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 49 jLabel4.setText("AÑO DE INGRESO:");  
 50 getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 129, -1, -1));  
 51   
 52 jLabel5.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 53 jLabel5.setText("TITULO:");  
 54 getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 168, -1, -1));  
 55   
 56 jLabel6.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 57 jLabel6.setText("DEPARTAMENTO:");  
 58 getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 207, -1, -1));  
 59   
 60 jLabel7.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 61 jLabel7.setText("HORAS:");  
 62 getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 246, -1, -1));  
 63   
 64 txtNombre.setEditable(false);  
 65 txtNombre.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 66 getContentPane().add(txtNombre, new org.netbeans.lib.awtextra.AbsoluteConstraints(114, 87, 323, -1));  
 67   
 68 txtAñoIngreso.setEditable(false);  
 69 txtAñoIngreso.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 70 getContentPane().add(txtAñoIngreso, new org.netbeans.lib.awtextra.AbsoluteConstraints(115, 126, 322, -1));  
 71   
 72 txtTitulo.setEditable(false);  
 73 txtTitulo.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 74 getContentPane().add(txtTitulo, new org.netbeans.lib.awtextra.AbsoluteConstraints(115, 165, 322, -1));  
 75   
 76 txtDepartamento.setEditable(false);  
 77 txtDepartamento.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 78 getContentPane().add(txtDepartamento, new org.netbeans.lib.awtextra.AbsoluteConstraints(115, 204, 322, -1));  
 79   
 80 txtHoras.setEditable(false);  
 81 txtHoras.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 82 getContentPane().add(txtHoras, new org.netbeans.lib.awtextra.AbsoluteConstraints(115, 243, 322, -1));  
 83   
 84 txtClave.setEditable(false);  
 85 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 86 txtClave.setText(" ");  
 87 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(114, 48, 323, -1));  
 88   
 89 jLabel2.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 90 jLabel2.setText("CLAVE:");  
 91 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 51, -1, -1));  
 92   
 93 jLabel8.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 94 jLabel8.setText("UTILIDAD:");  
 95 getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 285, -1, -1));  
 96   
 97 txtUtilidad.setEditable(false);  
 98 txtUtilidad.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 99 getContentPane().add(txtUtilidad, new org.netbeans.lib.awtextra.AbsoluteConstraints(115, 282, 322, -1));  
100   
101 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
102 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
103 btnVolver.setText(" ");  
104 btnVolver.setToolTipText("Volver");  
105 btnVolver.setBorderPainted(false);  
106 btnVolver.setContentAreaFilled(false);  
107 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
108 public void actionPerformed(java.awt.event.ActionEvent evt) {  
109 btnVolverActionPerformed(evt);  
110 }  
111 });  
112 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 50, -1));  
113   
114 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/fondo.jpg"))); // NOI18N  
115 fondo.setText(" ");  
116 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-520, -480, 970, -1));  
117   
118 pack();  
119 setLocationRelativeTo(null);  
120 }// </editor-fold>//GEN-END:initComponents  
121   
122 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
123 this.dispose();  
124 }//GEN-LAST:event\_btnVolverActionPerformed  
125   
126 public void showMe(int celda){   
127 per = Principal.adp.getPersonal(celda);  
128 txtClave.setText(Integer.toString(per.getClave()));  
129 txtNombre.setText(per.getNombre());  
130 txtAñoIngreso.setText(Integer.toString(per.getAñoIngreso()));  
131 txtTitulo.setText(((Profesor)per).getTitulo());  
132 txtDepartamento.setText(((Profesor)per).getDepartamento());  
133 txtHoras.setText(Integer.toString(((Profesor)per).getHoras()));  
134 txtUtilidad.setText(Float.toString(per.calcularUtilidad()));  
135 }  
136   
137 // Variables declaration - do not modify//GEN-BEGIN:variables  
138 private javax.swing.JButton btnVolver;  
139 private javax.swing.JLabel fondo;  
140 private javax.swing.JLabel jLabel1;  
141 private javax.swing.JLabel jLabel2;  
142 private javax.swing.JLabel jLabel3;  
143 private javax.swing.JLabel jLabel4;  
144 private javax.swing.JLabel jLabel5;  
145 private javax.swing.JLabel jLabel6;  
146 private javax.swing.JLabel jLabel7;  
147 private javax.swing.JLabel jLabel8;  
148 private javax.swing.JTextField txtAñoIngreso;  
149 private javax.swing.JTextField txtClave;  
150 private javax.swing.JTextField txtDepartamento;  
151 private javax.swing.JTextField txtHoras;  
152 private javax.swing.JTextField txtNombre;  
153 private javax.swing.JTextField txtTitulo;  
154 private javax.swing.JTextField txtUtilidad;  
155 // End of variables declaration//GEN-END:variables  
156 }  
157

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4 public class FrmModificacion extends javax.swing.JDialog {  
 5   
 6 public FrmModificacion(java.awt.Frame parent, boolean modal) {  
 7 super(parent, modal);  
 8 initComponents();  
 9 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 10 }  
 11   
 12 @SuppressWarnings("unchecked")  
 13 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 14 private void initComponents() {  
 15   
 16 txtClave = new javax.swing.JTextField();  
 17 jLabel1 = new javax.swing.JLabel();  
 18 btnBuscar = new javax.swing.JButton();  
 19 jLabel2 = new javax.swing.JLabel();  
 20 btnVolver = new javax.swing.JButton();  
 21 fondo = new javax.swing.JLabel();  
 22   
 23 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 24 setResizable(false);  
 25 addWindowListener(new java.awt.event.WindowAdapter() {  
 26 public void windowClosed(java.awt.event.WindowEvent evt) {  
 27 formWindowClosed(evt);  
 28 }  
 29 public void windowOpened(java.awt.event.WindowEvent evt) {  
 30 formWindowOpened(evt);  
 31 }  
 32 });  
 33 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 34   
 35 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 36 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 50, 69, -1));  
 37   
 38 jLabel1.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 39 jLabel1.setText("CLAVE:");  
 40 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 50, -1, 20));  
 41   
 42 btnBuscar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/bsq.png"))); // NOI18N  
 43 btnBuscar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 44 btnBuscar.addActionListener(new java.awt.event.ActionListener() {  
 45 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 46 btnBuscarActionPerformed(evt);  
 47 }  
 48 });  
 49 getContentPane().add(btnBuscar, new org.netbeans.lib.awtextra.AbsoluteConstraints(160, 50, 30, 30));  
 50   
 51 jLabel2.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
 52 jLabel2.setText("MODIFICACION");  
 53 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(64, 13, -1, -1));  
 54   
 55 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
 56 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
 57 btnVolver.setText(" ");  
 58 btnVolver.setToolTipText("Volver");  
 59 btnVolver.setBorderPainted(false);  
 60 btnVolver.setContentAreaFilled(false);  
 61 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 62 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
 63 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 64 btnVolverActionPerformed(evt);  
 65 }  
 66 });  
 67 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 0, 40, -1));  
 68   
 69 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/mini.jpg"))); // NOI18N  
 70 fondo.setText(" ");  
 71 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-150, 0, 380, 100));  
 72   
 73 pack();  
 74 setLocationRelativeTo(null);  
 75 }// </editor-fold>//GEN-END:initComponents  
 76   
 77 private void btnBuscarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnBuscarActionPerformed  
 78 try{   
 79 int clave = Integer.parseInt(txtClave.getText());  
 80 if(clave >= 101 && clave <= 999){  
 81 int celda = Principal.adp.getCelda(clave);  
 82 if(celda != -1){  
 83 if(Principal.adp.getPersonal(celda) instanceof Profesor){  
 84 FrmModificacionProfesor mp = new FrmModificacionProfesor(null, true);  
 85 mp.showMe(celda);  
 86 this.dispose();  
 87 mp.setVisible(true);  
 88 }  
 89 else {  
 90 FrmModificacionIntendente mi = new FrmModificacionIntendente(null, true);  
 91 mi.showMe(celda);  
 92 this.dispose();  
 93 mi.setVisible(true);   
 94 }  
 95 }  
 96 else{  
 97 JOptionPane.showMessageDialog(this, "Esa clave no esta registrada",   
 98 "CLAVE INEXISTENTE", JOptionPane.ERROR\_MESSAGE);  
 99 }  
100 }  
101 else{  
102 JOptionPane.showMessageDialog(this, "Ingrese una clave de 101 a 999",   
103 "CLAVE FUERA DE RANGO", JOptionPane.ERROR\_MESSAGE);  
104 }  
105 }catch(NumberFormatException nfe){  
106 JOptionPane.showMessageDialog(this, "Ingresa solamente numeros enteros ",   
107 "CARACTER INVALIDO", JOptionPane.ERROR\_MESSAGE);   
108 }catch(RuntimeException e){  
109 JOptionPane.showMessageDialog(this, "Situacion anomala en tiempo de ejecucion, vuelve a intentarlo",   
110 "SITUACION ANOMALA", JOptionPane.ERROR\_MESSAGE);  
111 }  
112 }//GEN-LAST:event\_btnBuscarActionPerformed  
113   
114 private void formWindowClosed(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowClosed  
115 this.dispose();  
116 }//GEN-LAST:event\_formWindowClosed  
117   
118 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
119 this.dispose();  
120 }//GEN-LAST:event\_btnVolverActionPerformed  
121   
122 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
123 txtClave.requestFocus();  
124 }//GEN-LAST:event\_formWindowOpened  
125   
126 /\*\*  
127 \* @param args the command line arguments  
128 \*/  
129   
130 // Variables declaration - do not modify//GEN-BEGIN:variables  
131 private javax.swing.JButton btnBuscar;  
132 private javax.swing.JButton btnVolver;  
133 private javax.swing.JLabel fondo;  
134 private javax.swing.JLabel jLabel1;  
135 private javax.swing.JLabel jLabel2;  
136 private javax.swing.JTextField txtClave;  
137 // End of variables declaration//GEN-END:variables  
138 }  
139

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4 public class FrmModificacionIntendente extends javax.swing.JDialog {  
 5 int celda;  
 6 Personal per;  
 7   
 8 public FrmModificacionIntendente(java.awt.Frame parent, boolean modal) {  
 9 super(parent, modal);  
 10 initComponents();  
 11 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 12 }  
 13 @SuppressWarnings("unchecked")  
 14 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 15 private void initComponents() {  
 16   
 17 txtClave = new javax.swing.JTextField();  
 18 txtNombre = new javax.swing.JTextField();  
 19 txtAñoIngreso = new javax.swing.JTextField();  
 20 jLabel1 = new javax.swing.JLabel();  
 21 jLabel2 = new javax.swing.JLabel();  
 22 jLabel3 = new javax.swing.JLabel();  
 23 btnModificar = new javax.swing.JButton();  
 24 jLabel7 = new javax.swing.JLabel();  
 25 txtArea = new javax.swing.JTextField();  
 26 txtNivel = new javax.swing.JTextField();  
 27 jLabel8 = new javax.swing.JLabel();  
 28 jLabel4 = new javax.swing.JLabel();  
 29 btnVolver = new javax.swing.JButton();  
 30 fondo = new javax.swing.JLabel();  
 31   
 32 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 33 setResizable(false);  
 34 addWindowListener(new java.awt.event.WindowAdapter() {  
 35 public void windowClosed(java.awt.event.WindowEvent evt) {  
 36 formWindowClosed(evt);  
 37 }  
 38 public void windowOpened(java.awt.event.WindowEvent evt) {  
 39 formWindowOpened(evt);  
 40 }  
 41 });  
 42 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 43   
 44 txtClave.setEditable(false);  
 45 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 46 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 48, 325, -1));  
 47   
 48 txtNombre.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 49 txtNombre.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 50 getContentPane().add(txtNombre, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 87, 325, -1));  
 51   
 52 txtAñoIngreso.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 53 getContentPane().add(txtAñoIngreso, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 126, 325, -1));  
 54   
 55 jLabel1.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 56 jLabel1.setText("CLAVE:");  
 57 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 51, -1, -1));  
 58   
 59 jLabel2.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 60 jLabel2.setText("NOMBRE:");  
 61 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 90, -1, -1));  
 62   
 63 jLabel3.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 64 jLabel3.setText("AÑO DE INGRESO:");  
 65 getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 129, -1, -1));  
 66   
 67 btnModificar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/gdr.png"))); // NOI18N  
 68 btnModificar.setText(" ");  
 69 btnModificar.setToolTipText("Modificar");  
 70 btnModificar.setBorderPainted(false);  
 71 btnModificar.setContentAreaFilled(false);  
 72 btnModificar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 73 btnModificar.addActionListener(new java.awt.event.ActionListener() {  
 74 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 75 btnModificarActionPerformed(evt);  
 76 }  
 77 });  
 78 getContentPane().add(btnModificar, new org.netbeans.lib.awtextra.AbsoluteConstraints(132, 236, 281, 26));  
 79   
 80 jLabel7.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 81 jLabel7.setText("AREA:");  
 82 getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 168, -1, -1));  
 83   
 84 txtArea.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 85 getContentPane().add(txtArea, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 165, 325, -1));  
 86   
 87 txtNivel.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 88 getContentPane().add(txtNivel, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 204, 325, -1));  
 89   
 90 jLabel8.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 91 jLabel8.setText("NIVEL:");  
 92 getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 207, -1, -1));  
 93   
 94 jLabel4.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
 95 jLabel4.setText("MODIFICACION INTENDENTE");  
 96 getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(143, 11, -1, -1));  
 97   
 98 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
 99 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
100 btnVolver.setText(" ");  
101 btnVolver.setToolTipText("Volver");  
102 btnVolver.setBorderPainted(false);  
103 btnVolver.setContentAreaFilled(false);  
104 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
105 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
106 public void actionPerformed(java.awt.event.ActionEvent evt) {  
107 btnVolverActionPerformed(evt);  
108 }  
109 });  
110 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 50, -1));  
111   
112 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/fondo.jpg"))); // NOI18N  
113 fondo.setText(" ");  
114 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-520, -530, 970, -1));  
115   
116 pack();  
117 setLocationRelativeTo(null);  
118 }// </editor-fold>//GEN-END:initComponents  
119   
120 private void btnModificarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnModificarActionPerformed  
121 String nombre, area;  
122 int clave, añoIngreso, nivel;  
123 try{  
124 clave = Integer.parseInt(txtClave.getText());  
125 nombre = txtNombre.getText();  
126 añoIngreso = Integer.parseInt(txtAñoIngreso.getText());  
127 if(añoIngreso > Principal.añoActual){  
128 JOptionPane.showMessageDialog(this, "Ingresaste un año futuro, ingresa un año correcto",  
129 "AÑO FUTURO", JOptionPane.INFORMATION\_MESSAGE);  
130 }   
131 else{  
132 area = txtArea.getText();  
133 nivel = Integer.parseInt(txtNivel.getText());  
134 per = new Intendente(clave, nombre, añoIngreso, area, nivel);  
135 Principal.adp.modificar(per, celda);  
136 JOptionPane.showMessageDialog(this, "Se ha modificado al intendente con exito",   
137 "MODIFICACION EXITOSA", JOptionPane.INFORMATION\_MESSAGE);  
138 this.dispose();  
139 }  
140 }catch(NumberFormatException nfe){  
141 JOptionPane.showMessageDialog(this, "Ingresa solamente numeros enteros donde corresponda",   
142 "CARACTER INVALIDO", JOptionPane.ERROR\_MESSAGE);   
143 }catch(RuntimeException e){  
144 JOptionPane.showMessageDialog(this, "Situacion anomala en tiempo de ejecucion, vuelve a intentarlo",   
145 "SITUACION ANOMALA", JOptionPane.ERROR\_MESSAGE);  
146 }   
147 }//GEN-LAST:event\_btnModificarActionPerformed  
148   
149 private void formWindowClosed(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowClosed  
150 this.dispose();  
151 }//GEN-LAST:event\_formWindowClosed  
152   
153 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
154 this.dispose();  
155 }//GEN-LAST:event\_btnVolverActionPerformed  
156   
157 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
158 txtNombre.requestFocus();  
159 }//GEN-LAST:event\_formWindowOpened  
160   
161 /\*\*  
162 \* @param args the command line arguments  
163 \*/  
164   
165 public void showMe(int celda){  
166 this.celda = celda;  
167 per = Principal.adp.getPersonal(celda);  
168 txtClave.setText(Integer.toString(per.getClave()));  
169 txtNombre.setText(per.getNombre());  
170 txtAñoIngreso.setText(Integer.toString(per.getAñoIngreso()));  
171 txtArea.setText(((Intendente)per).getArea());  
172 txtNivel.setText(Integer.toString(((Intendente)per).getNivel()));  
173 txtClave.requestFocus();  
174 }  
175 // Variables declaration - do not modify//GEN-BEGIN:variables  
176 private javax.swing.JButton btnModificar;  
177 private javax.swing.JButton btnVolver;  
178 private javax.swing.JLabel fondo;  
179 private javax.swing.JLabel jLabel1;  
180 private javax.swing.JLabel jLabel2;  
181 private javax.swing.JLabel jLabel3;  
182 private javax.swing.JLabel jLabel4;  
183 private javax.swing.JLabel jLabel7;  
184 private javax.swing.JLabel jLabel8;  
185 private javax.swing.JTextField txtArea;  
186 private javax.swing.JTextField txtAñoIngreso;  
187 private javax.swing.JTextField txtClave;  
188 private javax.swing.JTextField txtNivel;  
189 private javax.swing.JTextField txtNombre;  
190 // End of variables declaration//GEN-END:variables  
191 }  
192

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4   
 5 public class FrmModificacionProfesor extends javax.swing.JDialog {  
 6 int celda;  
 7 Personal per;  
 8 public FrmModificacionProfesor(java.awt.Frame parent, boolean modal) {  
 9 super(parent, modal);  
 10 initComponents();  
 11 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 12 }  
 13 @SuppressWarnings("unchecked")  
 14 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 15 private void initComponents() {  
 16   
 17 txtClave = new javax.swing.JTextField();  
 18 txtNombre = new javax.swing.JTextField();  
 19 txtAñoIngreso = new javax.swing.JTextField();  
 20 txtTitulo = new javax.swing.JTextField();  
 21 txtDepartamento = new javax.swing.JTextField();  
 22 txtHoras = new javax.swing.JTextField();  
 23 jLabel1 = new javax.swing.JLabel();  
 24 jLabel2 = new javax.swing.JLabel();  
 25 jLabel3 = new javax.swing.JLabel();  
 26 jLabel4 = new javax.swing.JLabel();  
 27 jLabel5 = new javax.swing.JLabel();  
 28 jLabel6 = new javax.swing.JLabel();  
 29 btnModificar = new javax.swing.JButton();  
 30 jLabel7 = new javax.swing.JLabel();  
 31 btnVolver = new javax.swing.JButton();  
 32 fondo = new javax.swing.JLabel();  
 33   
 34 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 35 setResizable(false);  
 36 addWindowListener(new java.awt.event.WindowAdapter() {  
 37 public void windowClosed(java.awt.event.WindowEvent evt) {  
 38 formWindowClosed(evt);  
 39 }  
 40 public void windowOpened(java.awt.event.WindowEvent evt) {  
 41 formWindowOpened(evt);  
 42 }  
 43 });  
 44 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 45   
 46 txtClave.setEditable(false);  
 47 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 48 txtClave.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 49 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 48, 326, -1));  
 50   
 51 txtNombre.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 52 getContentPane().add(txtNombre, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 87, 326, -1));  
 53   
 54 txtAñoIngreso.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 55 getContentPane().add(txtAñoIngreso, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 126, 326, -1));  
 56   
 57 txtTitulo.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 58 getContentPane().add(txtTitulo, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 156, 326, -1));  
 59   
 60 txtDepartamento.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 61 getContentPane().add(txtDepartamento, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 188, 326, -1));  
 62   
 63 txtHoras.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 64 getContentPane().add(txtHoras, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 227, 326, -1));  
 65   
 66 jLabel1.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 67 jLabel1.setText("CLAVE:");  
 68 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 51, -1, -1));  
 69   
 70 jLabel2.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 71 jLabel2.setText("NOMBRE:");  
 72 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 90, -1, -1));  
 73   
 74 jLabel3.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 75 jLabel3.setText("AÑO DE INGRESO:");  
 76 getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 129, -1, -1));  
 77   
 78 jLabel4.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 79 jLabel4.setText("TITULO:");  
 80 getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 159, -1, -1));  
 81   
 82 jLabel5.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 83 jLabel5.setText("DEPARTAMENTO:");  
 84 getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 191, -1, -1));  
 85   
 86 jLabel6.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 87 jLabel6.setText("HORAS:");  
 88 getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 230, -1, -1));  
 89   
 90 btnModificar.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/gdr.png"))); // NOI18N  
 91 btnModificar.setText(" ");  
 92 btnModificar.setToolTipText("Modificar");  
 93 btnModificar.setBorderPainted(false);  
 94 btnModificar.setContentAreaFilled(false);  
 95 btnModificar.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 96 btnModificar.addActionListener(new java.awt.event.ActionListener() {  
 97 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 98 btnModificarActionPerformed(evt);  
 99 }  
100 });  
101 getContentPane().add(btnModificar, new org.netbeans.lib.awtextra.AbsoluteConstraints(128, 254, 296, 28));  
102   
103 jLabel7.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
104 jLabel7.setText("MODIFICACION PROFESOR");  
105 getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(152, 11, -1, -1));  
106   
107 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
108 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
109 btnVolver.setText(" ");  
110 btnVolver.setToolTipText("Volver");  
111 btnVolver.setBorderPainted(false);  
112 btnVolver.setContentAreaFilled(false);  
113 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
114 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
115 public void actionPerformed(java.awt.event.ActionEvent evt) {  
116 btnVolverActionPerformed(evt);  
117 }  
118 });  
119 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 50, -1));  
120   
121 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/fondo.jpg"))); // NOI18N  
122 fondo.setText(" ");  
123 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-510, -510, 960, -1));  
124   
125 pack();  
126 setLocationRelativeTo(null);  
127 }// </editor-fold>//GEN-END:initComponents  
128   
129 private void btnModificarActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnModificarActionPerformed  
130 String nombre, titulo, departamento;  
131 int clave, añoIngreso, horas;  
132 try{  
133 clave = Integer.parseInt(txtClave.getText());  
134 nombre = txtNombre.getText();  
135 añoIngreso = Integer.parseInt(txtAñoIngreso.getText());  
136 if(añoIngreso > Principal.añoActual){  
137 JOptionPane.showMessageDialog(this, "Ingresaste un año futuro, ingresa un año correcto",  
138 "AÑO FUTURO", JOptionPane.INFORMATION\_MESSAGE);  
139 }   
140 else{  
141 titulo = txtTitulo.getText();  
142 departamento = txtDepartamento.getText();  
143 horas = Integer.parseInt(txtHoras.getText());  
144 per = new Profesor(clave, nombre, añoIngreso, titulo, departamento, horas);  
145 Principal.adp.modificar(per, celda);  
146 JOptionPane.showMessageDialog(this, "Se ha modificado al profesor con exito",   
147 "MODIFICACION EXITOSA", JOptionPane.INFORMATION\_MESSAGE);  
148 this.dispose();  
149 }  
150 }catch(NumberFormatException nfe){  
151 JOptionPane.showMessageDialog(this, "Ingresa solamente numeros enteros donde corresponda",   
152 "CARACTER INVALIDO", JOptionPane.ERROR\_MESSAGE);   
153 }catch(RuntimeException e){  
154 JOptionPane.showMessageDialog(this, "Situacion anomala en tiempo de ejecucion, vuelve a intentarlo",   
155 "SITUACION ANOMALA", JOptionPane.ERROR\_MESSAGE);  
156 }   
157 }//GEN-LAST:event\_btnModificarActionPerformed  
158   
159 private void formWindowClosed(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowClosed  
160 this.dispose();  
161 }//GEN-LAST:event\_formWindowClosed  
162   
163 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
164 this.dispose();  
165 }//GEN-LAST:event\_btnVolverActionPerformed  
166   
167 private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowOpened  
168 txtNombre.requestFocus();  
169 }//GEN-LAST:event\_formWindowOpened  
170   
171 public void showMe(int celda){  
172 this.celda = celda;  
173 per = Principal.adp.getPersonal(celda);  
174 txtClave.setText(Integer.toString(per.getClave()));  
175 txtNombre.setText(per.getNombre());  
176 txtAñoIngreso.setText(Integer.toString(per.getAñoIngreso()));  
177 txtTitulo.setText(((Profesor)per).getTitulo());  
178 txtDepartamento.setText(((Profesor)per).getDepartamento());  
179 txtHoras.setText(Integer.toString(((Profesor)per).getHoras()));  
180 txtClave.requestFocus();  
181 }  
182 /\*\*  
183 \* @param args the command line arguments  
184 \*/  
185   
186 // Variables declaration - do not modify//GEN-BEGIN:variables  
187 private javax.swing.JButton btnModificar;  
188 private javax.swing.JButton btnVolver;  
189 private javax.swing.JLabel fondo;  
190 private javax.swing.JLabel jLabel1;  
191 private javax.swing.JLabel jLabel2;  
192 private javax.swing.JLabel jLabel3;  
193 private javax.swing.JLabel jLabel4;  
194 private javax.swing.JLabel jLabel5;  
195 private javax.swing.JLabel jLabel6;  
196 private javax.swing.JLabel jLabel7;  
197 private javax.swing.JTextField txtAñoIngreso;  
198 private javax.swing.JTextField txtClave;  
199 private javax.swing.JTextField txtDepartamento;  
200 private javax.swing.JTextField txtHoras;  
201 private javax.swing.JTextField txtNombre;  
202 private javax.swing.JTextField txtTitulo;  
203 // End of variables declaration//GEN-END:variables  
204 }  
205

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 import javax.swing.JOptionPane;  
 4 public class FrmConsIndIntendente extends javax.swing.JDialog {  
 5 Personal per;  
 6   
 7 public FrmConsIndIntendente(java.awt.Frame parent, boolean modal) {  
 8 super(parent, modal);  
 9 initComponents();  
 10 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 11 }  
 12 @SuppressWarnings("unchecked")  
 13 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 14 private void initComponents() {  
 15   
 16 txtClave = new javax.swing.JTextField();  
 17 txtNombre = new javax.swing.JTextField();  
 18 txtAñoIngreso = new javax.swing.JTextField();  
 19 jLabel1 = new javax.swing.JLabel();  
 20 jLabel2 = new javax.swing.JLabel();  
 21 jLabel3 = new javax.swing.JLabel();  
 22 jLabel7 = new javax.swing.JLabel();  
 23 txtArea = new javax.swing.JTextField();  
 24 txtNivel = new javax.swing.JTextField();  
 25 jLabel8 = new javax.swing.JLabel();  
 26 jLabel4 = new javax.swing.JLabel();  
 27 jLabel5 = new javax.swing.JLabel();  
 28 txtUtilidad = new javax.swing.JTextField();  
 29 btnVolver = new javax.swing.JButton();  
 30 fondo = new javax.swing.JLabel();  
 31   
 32 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 33 setResizable(false);  
 34 addWindowListener(new java.awt.event.WindowAdapter() {  
 35 public void windowClosed(java.awt.event.WindowEvent evt) {  
 36 formWindowClosed(evt);  
 37 }  
 38 });  
 39 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 40   
 41 txtClave.setEditable(false);  
 42 txtClave.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 43 getContentPane().add(txtClave, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 48, 325, -1));  
 44   
 45 txtNombre.setEditable(false);  
 46 txtNombre.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 47 getContentPane().add(txtNombre, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 87, 325, -1));  
 48   
 49 txtAñoIngreso.setEditable(false);  
 50 txtAñoIngreso.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 51 getContentPane().add(txtAñoIngreso, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 126, 325, -1));  
 52   
 53 jLabel1.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 54 jLabel1.setText("CLAVE:");  
 55 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 51, -1, -1));  
 56   
 57 jLabel2.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 58 jLabel2.setText("NOMBRE:");  
 59 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 90, -1, -1));  
 60   
 61 jLabel3.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 62 jLabel3.setText("AÑO DE INGRESO:");  
 63 getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 129, -1, -1));  
 64   
 65 jLabel7.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 66 jLabel7.setText("AREA:");  
 67 getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 168, -1, -1));  
 68   
 69 txtArea.setEditable(false);  
 70 txtArea.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 71 getContentPane().add(txtArea, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 165, 325, -1));  
 72   
 73 txtNivel.setEditable(false);  
 74 txtNivel.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 75 getContentPane().add(txtNivel, new org.netbeans.lib.awtextra.AbsoluteConstraints(109, 204, 325, -1));  
 76   
 77 jLabel8.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 78 jLabel8.setText("NIVEL:");  
 79 getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 207, -1, -1));  
 80   
 81 jLabel4.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
 82 jLabel4.setText("CONSULTA INDIVIDUAL INTENDENTE");  
 83 getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(108, 11, -1, -1));  
 84   
 85 jLabel5.setFont(new java.awt.Font("Century Gothic", 1, 11)); // NOI18N  
 86 jLabel5.setText("UTILIDAD:");  
 87 getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 240, -1, -1));  
 88   
 89 txtUtilidad.setEditable(false);  
 90 txtUtilidad.setFont(new java.awt.Font("Century Gothic", 0, 11)); // NOI18N  
 91 getContentPane().add(txtUtilidad, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 240, 325, -1));  
 92   
 93 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
 94 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
 95 btnVolver.setText(" ");  
 96 btnVolver.setToolTipText("Volver");  
 97 btnVolver.setBorderPainted(false);  
 98 btnVolver.setContentAreaFilled(false);  
 99 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
100 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
101 public void actionPerformed(java.awt.event.ActionEvent evt) {  
102 btnVolverActionPerformed(evt);  
103 }  
104 });  
105 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 10, 50, -1));  
106   
107 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/fondo.jpg"))); // NOI18N  
108 fondo.setText(" ");  
109 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-520, -520, 970, 800));  
110   
111 pack();  
112 setLocationRelativeTo(null);  
113 }// </editor-fold>//GEN-END:initComponents  
114   
115 private void formWindowClosed(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowClosed  
116 this.dispose();  
117 }//GEN-LAST:event\_formWindowClosed  
118   
119 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
120 this.dispose();  
121 }//GEN-LAST:event\_btnVolverActionPerformed  
122   
123 /\*\*  
124 \* @param args the command line arguments  
125 \*/  
126   
127 public void showMe(int celda){  
128 per = Principal.adp.getPersonal(celda);  
129 txtClave.setText(Integer.toString(per.getClave()));  
130 txtNombre.setText(per.getNombre());  
131 txtAñoIngreso.setText(Integer.toString(per.getAñoIngreso()));  
132 txtArea.setText(((Intendente)per).getArea());  
133 txtNivel.setText(Integer.toString(((Intendente)per).getNivel()));  
134 txtUtilidad.setText(Float.toString(per.calcularUtilidad()));  
135 }  
136 // Variables declaration - do not modify//GEN-BEGIN:variables  
137 private javax.swing.JButton btnVolver;  
138 private javax.swing.JLabel fondo;  
139 private javax.swing.JLabel jLabel1;  
140 private javax.swing.JLabel jLabel2;  
141 private javax.swing.JLabel jLabel3;  
142 private javax.swing.JLabel jLabel4;  
143 private javax.swing.JLabel jLabel5;  
144 private javax.swing.JLabel jLabel7;  
145 private javax.swing.JLabel jLabel8;  
146 private javax.swing.JTextField txtArea;  
147 private javax.swing.JTextField txtAñoIngreso;  
148 private javax.swing.JTextField txtClave;  
149 private javax.swing.JTextField txtNivel;  
150 private javax.swing.JTextField txtNombre;  
151 private javax.swing.JTextField txtUtilidad;  
152 // End of variables declaration//GEN-END:variables  
153 }  
154

1 package SRC;  
 2 import javax.swing.ImageIcon;  
 3 public class FrmAcercaDe extends javax.swing.JDialog {  
 4 Personal per;  
 5   
 6 public FrmAcercaDe(java.awt.Frame parent, boolean modal) {  
 7 super(parent, modal);  
 8 initComponents();  
 9 banner1.setVisible(false);  
 10 banner2.setVisible(false);  
 11 banner3.setVisible(false);  
 12 banner4.setVisible(false);  
 13 setIconImage(new ImageIcon(getClass().getResource("/IMAGENES/logoITCG.png")).getImage());  
 14 }  
 15 @SuppressWarnings("unchecked")  
 16 // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  
 17 private void initComponents() {  
 18   
 19 jLabel1 = new javax.swing.JLabel();  
 20 jLabel2 = new javax.swing.JLabel();  
 21 jLabel3 = new javax.swing.JLabel();  
 22 jLabel7 = new javax.swing.JLabel();  
 23 jLabel8 = new javax.swing.JLabel();  
 24 jLabel4 = new javax.swing.JLabel();  
 25 jLabel5 = new javax.swing.JLabel();  
 26 btnVolver = new javax.swing.JButton();  
 27 jLabel6 = new javax.swing.JLabel();  
 28 banner3 = new javax.swing.JLabel();  
 29 banner1 = new javax.swing.JLabel();  
 30 banner2 = new javax.swing.JLabel();  
 31 banner4 = new javax.swing.JLabel();  
 32 banner = new javax.swing.JButton();  
 33 fondo = new javax.swing.JLabel();  
 34   
 35 setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  
 36 setMinimumSize(new java.awt.Dimension(530, 350));  
 37 setPreferredSize(new java.awt.Dimension(530, 350));  
 38 setResizable(false);  
 39 addWindowListener(new java.awt.event.WindowAdapter() {  
 40 public void windowClosed(java.awt.event.WindowEvent evt) {  
 41 formWindowClosed(evt);  
 42 }  
 43 });  
 44 getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
 45   
 46 jLabel1.setFont(new java.awt.Font("Century Gothic", 1, 17)); // NOI18N  
 47 jLabel1.setText("Unidad 4 Sistema de Registro de Personal");  
 48 getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 70, -1, -1));  
 49   
 50 jLabel2.setFont(new java.awt.Font("Century Gothic", 1, 14)); // NOI18N  
 51 jLabel2.setText("Programadores:");  
 52 getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 100, -1, -1));  
 53   
 54 jLabel3.setFont(new java.awt.Font("Century Gothic", 2, 12)); // NOI18N  
 55 jLabel3.setText("Juan Pablo Solis Guzman");  
 56 getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(200, 130, -1, -1));  
 57   
 58 jLabel7.setFont(new java.awt.Font("Century Gothic", 2, 12)); // NOI18N  
 59 jLabel7.setText("Alvaro Rosales Damian");  
 60 getContentPane().add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(200, 150, -1, -1));  
 61   
 62 jLabel8.setFont(new java.awt.Font("Century Gothic", 2, 12)); // NOI18N  
 63 jLabel8.setText("Jose Manuel Gomez Diaz");  
 64 getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 170, -1, -1));  
 65   
 66 jLabel4.setFont(new java.awt.Font("Century Gothic", 3, 22)); // NOI18N  
 67 jLabel4.setText("ACERCA DE");  
 68 getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 30, -1, -1));  
 69   
 70 jLabel5.setFont(new java.awt.Font("Century Gothic", 2, 9)); // NOI18N  
 71 jLabel5.setText("Sistema Unidad 4, Registro de Personal Tecnologico de Zapotlan, All Rights Reserved 2019 Â©");  
 72 getContentPane().add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 260, -1, -1));  
 73   
 74 btnVolver.setFont(new java.awt.Font("Century Gothic", 2, 11)); // NOI18N  
 75 btnVolver.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/vlv.png"))); // NOI18N  
 76 btnVolver.setText(" ");  
 77 btnVolver.setToolTipText("Volver");  
 78 btnVolver.setBorderPainted(false);  
 79 btnVolver.setContentAreaFilled(false);  
 80 btnVolver.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));  
 81 btnVolver.addActionListener(new java.awt.event.ActionListener() {  
 82 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 83 btnVolverActionPerformed(evt);  
 84 }  
 85 });  
 86 getContentPane().add(btnVolver, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 20, 50, -1));  
 87   
 88 jLabel6.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
 89 jLabel6.setText("Originarios de Â¡Â¡Â¡ TUXPAN !!!");  
 90 getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 200, -1, -1));  
 91   
 92 banner3.setFont(new java.awt.Font("Comic Sans MS", 0, 11)); // NOI18N  
 93 banner3.setText("Lo queremos mucho Profe :3");  
 94 banner3.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
 95 getContentPane().add(banner3, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 190, -1, -1));  
 96   
 97 banner1.setFont(new java.awt.Font("Comic Sans MS", 0, 11)); // NOI18N  
 98 banner1.setText("Se podra con un .jar? :u");  
 99 banner1.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
100 getContentPane().add(banner1, new org.netbeans.lib.awtextra.AbsoluteConstraints(370, 190, -1, -1));  
101   
102 banner2.setFont(new java.awt.Font("Comic Sans MS", 0, 11)); // NOI18N  
103 banner2.setText("Felices Fiestas Tochanas!!!");  
104 banner2.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
105 getContentPane().add(banner2, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 120, -1, 20));  
106   
107 banner4.setFont(new java.awt.Font("Comic Sans MS", 0, 11)); // NOI18N  
108 banner4.setText("Sacamos 100? :y");  
109 banner4.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
110 getContentPane().add(banner4, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 120, -1, -1));  
111   
112 banner.setFont(new java.awt.Font("Century Gothic", 3, 14)); // NOI18N  
113 banner.setText(" Gracias");  
114 banner.setToolTipText("Click Me!");  
115 banner.setBorderPainted(false);  
116 banner.setContentAreaFilled(false);  
117 banner.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));  
118 banner.addActionListener(new java.awt.event.ActionListener() {  
119 public void actionPerformed(java.awt.event.ActionEvent evt) {  
120 bannerActionPerformed(evt);  
121 }  
122 });  
123 getContentPane().add(banner, new org.netbeans.lib.awtextra.AbsoluteConstraints(230, 230, -1, 20));  
124   
125 fondo.setIcon(new javax.swing.ImageIcon(getClass().getResource("/IMAGENES/banner.jpeg"))); // NOI18N  
126 fondo.setText(" ");  
127 getContentPane().add(fondo, new org.netbeans.lib.awtextra.AbsoluteConstraints(-280, -280, 970, 800));  
128   
129 pack();  
130 setLocationRelativeTo(null);  
131 }// </editor-fold>//GEN-END:initComponents  
132   
133 private void formWindowClosed(java.awt.event.WindowEvent evt) {//GEN-FIRST:event\_formWindowClosed  
134 this.dispose();  
135 }//GEN-LAST:event\_formWindowClosed  
136   
137 private void btnVolverActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btnVolverActionPerformed  
138 this.dispose();  
139 }//GEN-LAST:event\_btnVolverActionPerformed  
140   
141 private void bannerActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_bannerActionPerformed  
142 banner1.setVisible(true);  
143 banner2.setVisible(true);  
144 banner3.setVisible(true);  
145 banner4.setVisible(true);  
146   
147 }//GEN-LAST:event\_bannerActionPerformed  
148   
149 // Variables declaration - do not modify//GEN-BEGIN:variables  
150 private javax.swing.JButton banner;  
151 private javax.swing.JLabel banner1;  
152 private javax.swing.JLabel banner2;  
153 private javax.swing.JLabel banner3;  
154 private javax.swing.JLabel banner4;  
155 private javax.swing.JButton btnVolver;  
156 private javax.swing.JLabel fondo;  
157 private javax.swing.JLabel jLabel1;  
158 private javax.swing.JLabel jLabel2;  
159 private javax.swing.JLabel jLabel3;  
160 private javax.swing.JLabel jLabel4;  
161 private javax.swing.JLabel jLabel5;  
162 private javax.swing.JLabel jLabel6;  
163 private javax.swing.JLabel jLabel7;  
164 private javax.swing.JLabel jLabel8;  
165 // End of variables declaration//GEN-END:variables  
166 }  
167