**TRABAJO PRÁCTICO N°2**

***Manejo de excepciones***

***Alumno: Curci,Gianfranco***

***Legajo: 113011***

***Códigos***

***Ejercicio 1***

***Clase Persona***

***package ClasesYObjetos;***

***public abstract class Persona {***

***protected String nombre;***

***protected String apellido;***

***protected String dni;***

***protected String estadoC;***

***public Persona(String nombre, String apellido, String dni, String estadoC) {***

***this.nombre = nombre;***

***this.apellido = apellido;***

***this.dni = dni;***

***this.estadoC = estadoC;***

***}***

***public abstract String MostrarDatos();***

***}***

***Clase Estudiantes***

***package ClasesYObjetos;***

***public class Estudiantes extends Persona {***

***private String curso;***

***public Estudiantes(String nombre, String apellido, String dni, String estadoC) {***

***super(nombre, apellido, dni, estadoC);***

***this.curso="";***

***}***

***public String getCurso() {***

***return curso;***

***}***

***public void setCurso(String curso) {***

***this.curso = curso;***

***}***

***public String getNombre() {***

***return nombre;***

***}***

***public void setNombre(String nombre) {***

***this.nombre = nombre;***

***}***

***public String getApellido() {***

***return apellido;***

***}***

***public void setApellido(String apellido) {***

***this.apellido = apellido;***

***}***

***public String getDni() {***

***return dni;***

***}***

***public void setDni(String dni) {***

***this.dni = dni;***

***}***

***public String getEstadoC() {***

***return estadoC;***

***}***

***public void setEstadoC(String estadoC) {***

***this.estadoC = estadoC;***

***}***

***@Override***

***public String MostrarDatos() {***

***return this.nombre+" "+this.apellido+" DNI:"+this.dni+" EstadoCivil:"+this.estadoC+" Curso:"+this.curso;***

***}***

***}***

***Clase Profesor***

***/\****

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***\* and open the template in the editor.***

***\*/***

***package ClasesYObjetos;***

***/\*\****

***\****

***\* @author Gian***

***\*/***

***public class Profesores extends Persona {***

***private String departamento;***

***private String añoInc;***

***private String numDespacho;***

***public Profesores(String nombre, String apellido, String dni, String estadoC) {***

***super(nombre, apellido, dni, estadoC);***

***this.departamento="";***

***this.añoInc="";***

***this.numDespacho="";***

***}***

***public String getDepartamento() {***

***return departamento;***

***}***

***public void setDepartamento(String departamento) {***

***this.departamento = departamento;***

***}***

***public String getAñoInc() {***

***return añoInc;***

***}***

***public void setAñoInc(String añoInc) {***

***this.añoInc = añoInc;***

***}***

***public String getNumDespacho() {***

***return numDespacho;***

***}***

***public void setNumDespacho(String numDespacho) {***

***this.numDespacho = numDespacho;***

***}***

***public String getNombre() {***

***return nombre;***

***}***

***public void setNombre(String nombre) {***

***this.nombre = nombre;***

***}***

***public String getApellido() {***

***return apellido;***

***}***

***public void setApellido(String apellido) {***

***this.apellido = apellido;***

***}***

***public String getDni() {***

***return dni;***

***}***

***public void setDni(String dni) {***

***this.dni = dni;***

***}***

***public String getEstadoC() {***

***return estadoC;***

***}***

***public void setEstadoC(String estadoC) {***

***this.estadoC = estadoC;***

***}***

***@Override***

***public String MostrarDatos() {***

***return this.nombre+" "+this.apellido+" DNI:"+this.dni+" EstadoCivil:"+***

***this.estadoC+" Departamento:"+this.departamento + " Año Incorporacion:" + this.añoInc***

***+ " N° de Despacho:"+ this.numDespacho;***

***}***

***}***

***Clase PersonalDeServicio***

***package ClasesYObjetos;***

***public class Personaldeservicio extends Persona {***

***private String añoInc;***

***private String numDespacho;***

***private String seccion;***

***public Personaldeservicio(String nombre, String apellido, String dni, String estadoC) {***

***super(nombre, apellido, dni, estadoC);***

***this.añoInc="";***

***this.numDespacho="";***

***this.seccion= "";***

***}***

***public String getAñoInc() {***

***return añoInc;***

***}***

***public void setAñoInc(String añoInc) {***

***this.añoInc = añoInc;***

***}***

***public String getNumDespacho() {***

***return numDespacho;***

***}***

***public void setNumDespacho(String numDespacho) {***

***this.numDespacho = numDespacho;***

***}***

***public String getSeccion() {***

***return seccion;***

***}***

***public void setSeccion(String seccion) {***

***this.seccion = seccion;***

***}***

***public String getNombre() {***

***return nombre;***

***}***

***public void setNombre(String nombre) {***

***this.nombre = nombre;***

***}***

***public String getApellido() {***

***return apellido;***

***}***

***public void setApellido(String apellido) {***

***this.apellido = apellido;***

***}***

***public String getDni() {***

***return dni;***

***}***

***public void setDni(String dni) {***

***this.dni = dni;***

***}***

***public String getEstadoC() {***

***return estadoC;***

***}***

***public void setEstadoC(String estadoC) {***

***this.estadoC = estadoC;***

***}***

***@Override***

***public String MostrarDatos() {***

***return this.nombre+" "+this.apellido+" DNI:"+this.dni+" EstadoCivil:"+***

***this.estadoC+" Seccion:"+this.seccion + " Año Incorporacion:" + this.añoInc***

***+ " N° de Despacho:"+ this.numDespacho;***

***}***

***}***

***Clase Principal***

***package ClasesYObjetos;***

***import java.util.ArrayList;***

***import java.util.Scanner;***

***public class Principal {***

***public static void main(String[] args) {***

***Scanner teclado = new Scanner(System.in);***

***int opcion;***

***ArrayList<Estudiantes> estudiantes = new ArrayList<Estudiantes>();***

***ArrayList<Profesores> profesores = new ArrayList<Profesores>();***

***ArrayList<Personaldeservicio> personal = new ArrayList<Personaldeservicio>();***

***try{***

***do{***

***System.out.flush();***

***System.out.println("|SISTEMA DE REGISTRO|");***

***System.out.println("Elija una opcion: ");***

***System.out.println("");***

***System.out.println("|REGISTRO|");***

***System.out.println("1) Registrar estudiante");***

***System.out.println("2) Registrar profesor");***

***System.out.println("3) Registrar personal de servicio");***

***System.out.println("|CONSULTAS|");***

***System.out.println("4) Consultar datos de estudiantes");***

***System.out.println("5) Consultar datos de profesores");***

***System.out.println("6) Consultar datos de personal de servicio");***

***System.out.println("|ELIMINACION|");***

***System.out.println("7) Eliminar datos de estudiante");***

***System.out.println("8) Eliminar datos de profesor");***

***System.out.println("9) Eliminar datos de personal de servicio");***

***System.out.println("10) SALIR");***

***opcion=teclado.nextInt();***

***switch (opcion){***

***case 1:***

***Estudiantes estudianteX =new Estudiantes("","","","");***

***teclado.nextLine();***

***System.out.println("Ingrese el nombre");***

***estudianteX.setNombre(teclado.nextLine());***

***System.out.println("Ingrese el apellido");***

***estudianteX.setApellido(teclado.nextLine());***

***System.out.println("Ingrese el dni");***

***estudianteX.setDni(teclado.nextLine());***

***System.out.println("Ingrese el estado civil");***

***estudianteX.setEstadoC(teclado.nextLine());***

***System.out.println("Ingrese el curso");***

***estudianteX.setCurso(teclado.nextLine());***

***estudiantes.add(estudianteX);***

***break;***

***case 2:***

***Profesores profesorX = new Profesores("","","","");***

***teclado.nextLine();***

***System.out.println("Ingrese el nombre");***

***profesorX.setNombre(teclado.nextLine());***

***System.out.println("Ingrese el apellido");***

***profesorX.setApellido(teclado.nextLine());***

***System.out.println("Ingrese el dni");***

***profesorX.setDni(teclado.nextLine());***

***System.out.println("Ingrese el estado civil");***

***profesorX.setEstadoC(teclado.nextLine());***

***System.out.println("Ingrese el año de incorporacion");***

***profesorX.setAñoInc(teclado.nextLine());***

***System.out.println("Ingrese el departamento");***

***profesorX.setDepartamento(teclado.nextLine());***

***System.out.println("Ingrese el N° de despacho");***

***profesorX.setNumDespacho(teclado.nextLine());***

***profesores.add(profesorX);***

***break;***

***case 3:***

***Personaldeservicio personalX = new Personaldeservicio("","","","");***

***teclado.nextLine();***

***System.out.println("Ingrese el nombre");***

***personalX.setNombre(teclado.nextLine());***

***System.out.println("Ingrese el apellido");***

***personalX.setApellido(teclado.nextLine());***

***System.out.println("Ingrese el dni");***

***personalX.setDni(teclado.nextLine());***

***System.out.println("Ingrese el estado civil");***

***personalX.setEstadoC(teclado.nextLine());***

***System.out.println("Ingrese el año de incorporacion");***

***personalX.setAñoInc(teclado.nextLine());***

***System.out.println("Ingrese la seccion");***

***personalX.setSeccion(teclado.nextLine());***

***System.out.println("Ingrese el N° de despacho");***

***personalX.setNumDespacho(teclado.nextLine());***

***personal.add(personalX);***

***break;***

***case 4:***

***System.out.println("1)Ver Todos // 2) Ver Particular");***

***if(teclado.nextInt()==2){***

***System.out.println("Ingrese el N° de registro a buscar");***

***estudiantes.get(teclado.nextInt()-1);***

***}***

***estudiantes.forEach((e) -> {***

***System.out.println("Estudiante N°"+estudiantes.size());***

***System.out.println(e.MostrarDatos());***

***System.out.println("---------------------------------------------");***

***});***

***break;***

***case 5:***

***System.out.println("1)Ver Todos // 2) Ver Particular");***

***if(teclado.nextInt()==2){***

***System.out.println("Ingrese el N° de registro a buscar");***

***profesores.get(teclado.nextInt()-1);***

***}***

***profesores.forEach((p) -> {***

***System.out.println("Profesor N°"+profesores.size());***

***System.out.println(p.MostrarDatos());***

***System.out.println("---------------------------------------------");***

***});***

***break;***

***case 6:***

***System.out.println("1)Ver Todos // 2) Ver Particular");***

***if(teclado.nextInt()==2){***

***System.out.println("Ingrese el N° de registro a buscar");***

***personal.get(teclado.nextInt()-1);***

***}***

***personal.forEach((per) -> {***

***System.out.println("Personal de servicio N°"+personal.size());***

***System.out.println(per.MostrarDatos());***

***System.out.println("---------------------------------------------");***

***});***

***break;***

***case 7:***

***System.out.println("Ingrese el N° de registro del estudiante a ELIMINAR");***

***estudiantes.remove(teclado.nextInt()-1);***

***break;***

***case 8:***

***System.out.println("Ingrese el N° de registro del profesor a ELIMINAR");***

***profesores.remove(teclado.nextInt()-1);***

***break;***

***case 9:***

***System.out.println("Ingrese el N° de registro del personal de servicio a ELIMINAR");***

***personal.remove(teclado.nextInt()-1);***

***break;***

***}***

***}while(opcion!=10);***

***}***

***catch(java.util.InputMismatchException ex){***

***System.out.println("-ERROR- letra ingresada en vez de numero");***

***}***

***catch(Exception e){***

***e.printStackTrace();***

***}***

***finally{***

***System.out.println("REINICIE EL PROGRAMA PARA CARGAR NUEVAMENTE");***

***}***

***}***

***}***

***Ejercicio 2***

***Clase Principal***

***/\****

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***\*/***

***package ClasesYObjetos;***

***import java.util.ArrayList;***

***import java.util.Scanner;***

***/\*\****

***\****

***\* @author Gian***

***\*/***

***public class Principal {***

***public static void main(String[] args) {***

***int opcion;***

***ArrayList<Productos> productos = new ArrayList<>();***

***Scanner entrada = new Scanner(System.in);***

***try{***

***do{***

***System.out.println("|PROGRAMA DE CONTROL DE PRODUCTOS|");***

***System.out.println("-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-");***

***System.out.println("Elija la opcion que desea");***

***System.out.println("1)Agregar Producto");***

***System.out.println("2)Quitar Producto");***

***System.out.println("3)Ver todos los Productos registrados");***

***System.out.println("4)SALIR");***

***System.out.println("-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-");***

***opcion= entrada.nextInt();***

***switch(opcion){***

***case 1:***

***Productos productoNuevo = new Productos();***

***System.out.println("|REGISTRO DE PRODUCTO|");***

***System.out.println("-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-");***

***System.out.println("PRODUCTO N°"+ (productos.size()+1));***

***entrada.nextLine();***

***System.out.print("Ingrese el nombre del Producto: ");***

***productoNuevo.setNombre(entrada.nextLine());***

***System.out.print("Ingrese el codigo del Producto: ");***

***productoNuevo.setCodigo(entrada.nextInt());***

***System.out.print("Ingrese el stock del Producto: ");***

***productoNuevo.setStock(entrada.nextInt());***

***System.out.println("-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-");***

***productos.add(productoNuevo);***

***break;***

***case 2:***

***System.out.println("|ELIMINACION DE PRODUCTO|");***

***System.out.println("Ingrese el N° de registro del producto a ELIMINAR");***

***productos.remove(entrada.nextInt()-1);***

***break;***

***case 3:***

***System.out.println("|PRODUCTOS REGISTRADOS|");***

***for(Productos p: productos){***

***if(p.getStock()<10){***

***System.out.println("PRODUCTO N°"+ (productos.indexOf(p)+1));***

***System.out.println("Nombre: " + p.getNombre());***

***System.out.println("Código: " + p.getCodigo());***

***System.out.println("Stock: " + p.getStock());***

***System.out.println("-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-.-");***

***}***

***}***

***break;***

***}***

***}while(opcion!=4);***

***}***

***catch(java.util.InputMismatchException ex){***

***System.out.println("-ERROR- NO se admiten caracteres, solo números"***

***+ "en los codigos, stock y las opciones");***

***}***

***catch(Exception e){***

***e.printStackTrace();***

***}***

***finally{***

***System.out.println("CERRANDO....");***

***}***

***}***

***}***

***Clase Producto***

***package ClasesYObjetos;***

***public class Productos {***

***private String nombre;***

***private int codigo;***

***private int stock;***

***public Productos(){***

***}***

***public String getNombre() {***

***return nombre;***

***}***

***public void setNombre(String nombre) {***

***this.nombre = nombre;***

***}***

***public int getCodigo() {***

***return codigo;***

***}***

***public void setCodigo(int codigo) {***

***this.codigo = codigo;***

***}***

***public int getStock() {***

***return stock;***

***}***

***public void setStock(int stock) {***

***this.stock = stock;***

***}***

***}***

***Ejercicio 3***

***Clase Buscaminas***

***package ClasesYObjetos;***

***public class Buscaminas{***

***public static void main(String[] args) {***

***VentanaPrincipal ventana = new VentanaPrincipal();***

***ventana.setVisible(true);***

***}***

***}***

***Clase Cuadro***

***package ClasesYObjetos;***

***import javax.swing.JButton;***

***public class Cuadro extends JButton {***

***private boolean mina;***

***public Cuadro(){***

***super();***

***double random = Math.random();***

***if(random>0.9)***

***mina=true;***

***else***

***mina=false;***

***}***

***public boolean hayMina(){***

***return mina;***

***}***

***}***

***Clase VentanaPrincipal***

***/\****

***\* To change this license header, choose License Headers in Project Properties.***

***\* To change this template file, choose Tools | Templates***

***\* and open the template in the editor.***

***\*/***

***package ClasesYObjetos;***

***/\*\****

***\****

***\* @author Gian***

***\*/***

***import ClasesYObjetos.Cuadro;***

***import java.awt.Color;***

***import java.awt.event.ActionListener;***

***import java.awt.event.ActionEvent;***

***public class VentanaPrincipal extends javax.swing.JFrame implements ActionListener {***

***int contadorMinas=0;***

***int numeroCuadros=0;***

***int contador=0;***

***public VentanaPrincipal() {***

***initComponents();***

***}***

***public void actionPerformed(ActionEvent e)***

***{***

***Cuadro temp2 = (Cuadro)e.getSource();***

***if(temp2.hayMina())***

***{***

***javax.swing.JOptionPane.showMessageDialog(this, "Habia una mina, PERDISTE! :c");***

***this.contador=0;***

***}***

***else***

***{***

***temp2.setBackground(Color.GREEN);***

***this.contador++;***

***if(numeroCuadros-contadorMinas == contador)***

***{***

***javax.swing.JOptionPane.showMessageDialog(this, "GANASTE! :D");***

***}***

***}***

***}***

***/\*\****

***\* This method is called from within the constructor to initialize the form.***

***\* WARNING: Do NOT modify this code. The content of this method is always***

***\* regenerated by the Form Editor.***

***\*/***

***@SuppressWarnings("unchecked")***

***// <editor-fold defaultstate="collapsed" desc="Generated Code">***

***private void initComponents() {***

***jPanel1 = new javax.swing.JPanel();***

***jLabel1 = new javax.swing.JLabel();***

***jLabel2 = new javax.swing.JLabel();***

***filas = new javax.swing.JTextField();***

***columnas = new javax.swing.JTextField();***

***jButton1 = new javax.swing.JButton();***

***Panel\_Juego = new javax.swing.JPanel();***

***setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);***

***jLabel1.setText("Filas");***

***jLabel2.setText("Columnas");***

***jButton1.setText("Play!");***

***jButton1.addActionListener(new java.awt.event.ActionListener() {***

***public void actionPerformed(java.awt.event.ActionEvent evt) {***

***jButton1ActionPerformed(evt);***

***}***

***});***

***javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);***

***jPanel1.setLayout(jPanel1Layout);***

***jPanel1Layout.setHorizontalGroup(***

***jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)***

***.addGroup(jPanel1Layout.createSequentialGroup()***

***.addContainerGap()***

***.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)***

***.addComponent(jLabel1)***

***.addComponent(filas))***

***.addGap(40, 40, 40)***

***.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)***

***.addComponent(jLabel2)***

***.addComponent(columnas, javax.swing.GroupLayout.PREFERRED\_SIZE, 26, javax.swing.GroupLayout.PREFERRED\_SIZE))***

***.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 126, Short.MAX\_VALUE)***

***.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 112, javax.swing.GroupLayout.PREFERRED\_SIZE)***

***.addGap(33, 33, 33))***

***);***

***jPanel1Layout.setVerticalGroup(***

***jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)***

***.addGroup(jPanel1Layout.createSequentialGroup()***

***.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)***

***.addComponent(jLabel2)***

***.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 16, javax.swing.GroupLayout.PREFERRED\_SIZE))***

***.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)***

***.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)***

***.addComponent(filas, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)***

***.addComponent(columnas, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))***

***.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()***

***.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)***

***.addComponent(jButton1)***

***.addContainerGap())***

***);***

***javax.swing.GroupLayout Panel\_JuegoLayout = new javax.swing.GroupLayout(Panel\_Juego);***

***Panel\_Juego.setLayout(Panel\_JuegoLayout);***

***Panel\_JuegoLayout.setHorizontalGroup(***

***Panel\_JuegoLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)***

***.addGap(0, 0, Short.MAX\_VALUE)***

***);***

***Panel\_JuegoLayout.setVerticalGroup(***

***Panel\_JuegoLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)***

***.addGap(0, 259, Short.MAX\_VALUE)***

***);***

***javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());***

***getContentPane().setLayout(layout);***

***layout.setHorizontalGroup(***

***layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)***

***.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)***

***.addComponent(Panel\_Juego, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)***

***);***

***layout.setVerticalGroup(***

***layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)***

***.addGroup(layout.createSequentialGroup()***

***.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)***

***.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)***

***.addComponent(Panel\_Juego, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))***

***);***

***pack();***

***}// </editor-fold>***

***private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {***

***iniciar();***

***this.paintAll(this.getGraphics());***

***}***

***/\*\****

***\* @param args the command line arguments***

***\*/***

***public static void main(String args[]) {***

***/\* Set the Nimbus look and feel \*/***

***//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">***

***/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.***

***\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html***

***\*/***

***try {***

***for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {***

***if ("Nimbus".equals(info.getName())) {***

***javax.swing.UIManager.setLookAndFeel(info.getClassName());***

***break;***

***}***

***}***

***} catch (ClassNotFoundException ex) {***

***java.util.logging.Logger.getLogger(VentanaPrincipal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);***

***} catch (InstantiationException ex) {***

***java.util.logging.Logger.getLogger(VentanaPrincipal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);***

***} catch (IllegalAccessException ex) {***

***java.util.logging.Logger.getLogger(VentanaPrincipal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);***

***} catch (javax.swing.UnsupportedLookAndFeelException ex) {***

***java.util.logging.Logger.getLogger(VentanaPrincipal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);***

***}***

***//</editor-fold>***

***/\* Create and display the form \*/***

***java.awt.EventQueue.invokeLater(new Runnable() {***

***public void run() {***

***new VentanaPrincipal().setVisible(true);***

***}***

***});***

***}***

***//METODO INICIO DEL GAME***

***private void iniciar()***

***{***

***this.Panel\_Juego.removeAll();***

***int nFilas,nCol;***

***nFilas= Integer.parseInt(this.filas.getText());***

***nCol= Integer.parseInt(this.columnas.getText());***

***this.Panel\_Juego.setLayout(new java.awt.GridLayout(nFilas,nCol));***

***this.numeroCuadros = nFilas\*nCol;***

***this.contadorMinas=0;***

***for(int i=0; i<nFilas;i++){***

***for(int j=0;j<nCol;j++)***

***{***

***Cuadro temp = new Cuadro();***

***temp.addActionListener(this);***

***if(temp.hayMina())***

***this.contadorMinas++;***

***temp.setVisible(true);***

***this.Panel\_Juego.add(temp);***

***}***

***}***

***}***

***// Variables declaration - do not modify***

***private javax.swing.JPanel Panel\_Juego;***

***private javax.swing.JTextField columnas;***

***private javax.swing.JTextField filas;***

***private javax.swing.JButton jButton1;***

***private javax.swing.JLabel jLabel1;***

***private javax.swing.JLabel jLabel2;***

***private javax.swing.JPanel jPanel1;***

***// End of variables declaration***

***}***