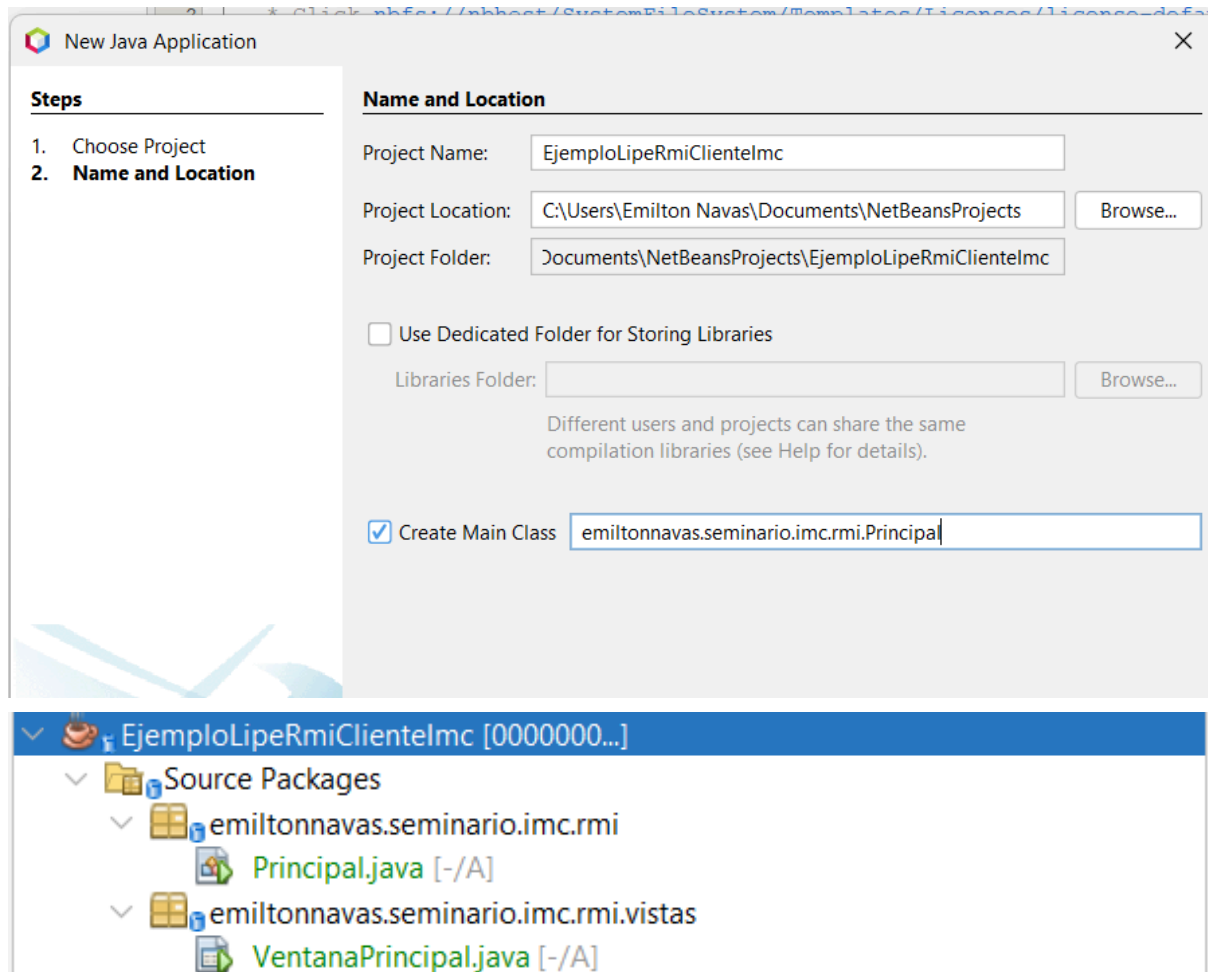


Creamos el proyecto EjemploLipeRmiClientImc con su clase principal



```

public class Principal {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
        Servidor servicio = new Servidor();
        try {
            servicio.iniciar();
        } catch (Exception ex) {
            System.out.println(ex.getLocalizedMessage());
        }
    }
}

```

creamos el paquete para las vistas con un JFrame form

```

/*
 * Click
 nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
 change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java
 to edit this template
 */
package emiltonnavas.seminario.imc.rmi.vistas;

import java.awt.Color;
import java.io.IOException;
import javax.swing.JButton;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import emiltonnavas.seminario.imc.rmi.lib.*;
import net.sf.lipermi.handler.CallHandler;
import net.sf.lipermi.net.Client;

/**
 *
 *
 */
public class VentanaPrincipal extends javax.swing.JFrame {

    /**
     * Creates new form VentanaPrincipal
     */

```

```

CallHandler invocadorRemoto;
String ipServidor = "localhost";
int puerto = 9007;
IRemotaCalculoImc calculoImcRemoto;
Client cliente;

public VentanaPrincipal() {
    initComponents();
}

/**
 * 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() {

    jLabel1 = new javax.swing.JLabel();
    jTabbedPane1 = new javax.swing.JTabbedPane();
    jPanel1 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    campoPuertoServidor = new javax.swing.JTextField();
    jLabel3 = new javax.swing.JLabel();
    campoIPServidor = new javax.swing.JTextField();
    btnIniciar = new javax.swing.JButton();
    jLabel4 = new javax.swing.JLabel();
    txtEstado = new javax.swing.JLabel();
    jPanel2 = new javax.swing.JPanel();
    jLabel5 = new javax.swing.JLabel();
    campoPeso = new javax.swing.JTextField();
    jLabel6 = new javax.swing.JLabel();
    campoAltura = new javax.swing.JTextField();
    jLabel7 = new javax.swing.JLabel();
    txtResultado = new javax.swing.JLabel();
    txtMensaje = new javax.swing.JLabel();
    btnIniciar1 = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel1.setFont(new java.awt.Font("Segoe Print", 1, 36)); //

```

```

jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel1.setText("CLIENTE IMC");

jLabel2.setText("DIRECCION IP:");

campoPuertoServidor.setText("9007");

jLabel3.setText("PUERTO DE RED:");

campoIPServidor.setText("localhost");
campoIPServidor.addActionListener(new
java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt)
    {
        campoIPServidorActionPerformed(evt);
    }
});

btnIniciar.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
btnIniciar.setForeground(new java.awt.Color(0, 204, 0));
btnIniciar.setText("CONECTAR");
btnIniciar.addActionListener(new java.awt.event.ActionListener()
{
    public void actionPerformed(java.awt.event.ActionEvent evt)
    {
        btnIniciarActionPerformed(evt);
    }
});

jLabel4.setText("ESTADO:");

txtEstado.setText("DESCONECTADO");

javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
nment.LEADING)

```

```

        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(30, 30, 30)

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

        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel4)
            .addGap(18, 18, 18)
            .addComponent(txtEstado))

        .addGroup(jPanel1Layout.createSequentialGroup()

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel2)
            .addComponent(jLabel3))
            .addGap(35, 35, 35)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(campoIPServidor)
            .addComponent(campoPuertoServidor,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))))
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(167, 167, 167)
                .addComponent(btnIniciar,
                    javax.swing.GroupLayout.PREFERRED_SIZE, 197,
                    javax.swing.GroupLayout.PREFERRED_SIZE))
                .addContainerGap(167, Short.MAX_VALUE))
        );
        jPanel1Layout.setVerticalGroup(

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

        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(23, 23, 23)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2)
            .addComponent(campoIPServidor,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(29, 29, 29)

```

```

.addGroup(jPanel1Layout.createParallelGroup(GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel13)
    .addComponent(campoPuertoServidor,
        GroupLayout.PREFERRED_SIZE,
        GroupLayout.DEFAULT_SIZE,
        GroupLayout.PREFERRED_SIZE))
    .addGap(28, 28, 28)

.addGroup(jPanel1Layout.createParallelGroup(GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel14)
    .addComponent(txtEstado))

.addPreferredGap(GroupLayoutStyle.ComponentPlacement.RELATED, 50,
    Short.MAX_VALUE)
    .addComponent(btnIniciar,
        GroupLayout.PREFERRED_SIZE, 32,
        GroupLayout.PREFERRED_SIZE)
    .addGap(29, 29, 29)
);

jTabbedPane1.addTab("CONEXION", jPanel1);

jLabel15.setText("PESO:");

jLabel16.setText("ALTURA:");

jLabel17.setText("IMC:");

txtResultado.setFont(new java.awt.Font("Tahoma", 1, 14)); //
NOI18N
txtResultado.setForeground(new java.awt.Color(255, 0, 0));
txtResultado.setText("0.0");

txtMensaje.setBorder(javax.swing.BorderFactory.createEtchedBorder());

btnIniciar1.setFont(new java.awt.Font("Tahoma", 1, 18)); //
NOI18N
btnIniciar1.setForeground(new java.awt.Color(0, 153, 0));
btnIniciar1.setText("CALCULAR");
btnIniciar1.addActionListener(new
java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt)

```

```

{
    btnIniciar1ActionPerformed(evt);
}
});

    javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
    jPanel2.setLayout(jPanel2Layout);
    jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(34, 34, 34)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel2Layout.createSequentialGroup()
                .addComponent(jLabel17,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(txtResultado,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 40,
Short.MAX_VALUE)
                .addComponent(txtMensaje,
javax.swing.GroupLayout.PREFERRED_SIZE, 359,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(0, 0, 0)
                .addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                    .addComponent(jLabel15,
javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel16,
javax.swing.GroupLayout.PREFERRED_SIZE, 58,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(27, 27, 27)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addComponent(campoAltura,
javax.swing.GroupLayout.PREFERRED_SIZE, 169,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(campoPeso,
javax.swing.GroupLayout.PREFERRED_SIZE, 169,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(btnIniciar1,
javax.swing.GroupLayout.PREFERRED_SIZE, 161,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(34, 34, 34))))
    );
    jPanel12Layout.setVerticalGroup(

jPanel12Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel12Layout.createSequentialGroup())

.addGroup(jPanel12Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel12Layout.createSequentialGroup())
        .addGap(36, 36, 36)

.addGroup(jPanel12Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel15)
        .addComponent(campoPeso,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(33, 33, 33)

.addGroup(jPanel12Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel16)
        .addComponent(campoAltura,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(44, 44, 44))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel12Layout.createSequentialGroup()
        .addContainerGap()

```



```

        .addComponent(btnIniciar1,
javax.swing.GroupLayout.PREFERRED_SIZE, 99,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(30, 30, 30)))

.addGroup(jPanel12Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING)

.addGroup(jPanel12Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)

        .addComponent(jLabel17)
        .addComponent(txtResultado))
        .addComponent(txtMensaje,
javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(69, Short.MAX_VALUE))
    );

    jTabbedPane1.addTab("CALCULAR IMC", jPanel12);

    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.L
EADING)

        .addGroup(layout.createSequentialGroup()
            .addGap(154, 154, 154)
            .addComponent(jLabel11,
javax.swing.GroupLayout.PREFERRED_SIZE, 268,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(layout.createSequentialGroup()
                .addGap(24, 24, 24)
                .addComponent(jTabbedPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 531,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap(21, Short.MAX_VALUE))
        );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()

```

```

        .addGap(23, 23, 23)
        .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 65,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jTabbedPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 286,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(44, Short.MAX_VALUE))
    );

    pack();
} // </editor-fold>

private void
campoIPServidorActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void btnIniciarActionPerformed(java.awt.event.ActionEvent
evt) {
    // TODO add your handling code here:
    float peso = Float.parseFloat(campoPeso.getText());
    float altura = Float.parseFloat(campoAltura.getText());
    Thread hilo = new Thread() {
        @Override
        public void run() {
            try {
                System.out.println("Peso: " + peso);
                System.out.println("Altura: " + altura);
                DatosImc datos = new DatosImc();
                datos.setAltura(altura);
                datos.setPeso(peso);
                System.out.println("Enviados los datos\nEsperando
respuesta");
                datos = calculoImcRemoto.calcularImc(datos);
                System.out.println("IMC: " + datos.getResultado() +
"\nMensaje: " + datos.getInterpretacion());
                txtResultado.setText(datos.getResultado() + "");
                txtMensaje.setText(datos.getInterpretacion());
            } catch (Exception ex) {
                JOptionPane.showMessageDialog(VentanaPrincipal.this,
"ERROR con el cliente " + ex.getMessage());
                System.out.println("ERROR con el cliente " +
ex.getMessage());
            }
        }
    };
    hilo.start();
}

```

```

        ex.printStackTrace();
    }
}

};
hilo.start();
}

private void btnIniciarActionPerformed(java.awt.event.ActionEvent
evt) {
    // TODO add your handling code here:
    try {
        if (btnIniciar.getText().equalsIgnoreCase("Conectar")) {
            puerto = Integer.parseInt(campoPuertoServidor.getText());
            ipServidor = campoIPServidor.getText();
            invocadorRemoto = new CallHandler();
            cliente = new Client(ipServidor, puerto, invocadorRemoto);
            calculoImcRemoto = (IRemotaCalculoImc)
cliente.getGlobal(IRemotaCalculoImc.class);
            btnIniciar.setText("Desconectar");
            btnIniciar.setForeground(Color.RED);
            txtEstado.setText("Conectado");
            txtEstado.setForeground(Color.GREEN);
        } else if (btnIniciar.getText().equalsIgnoreCase("Desconectar"))
{
            cliente.close();
            btnIniciar.setText("Conectar");
            txtEstado.setText("Desconectado");
            btnIniciar.setForeground(Color.GREEN);
            txtEstado.setForeground(Color.RED);
        }
    } catch (IOException ex) {
        System.out.println("ERROR AL CONECTAR");
        ex.printStackTrace();
    }
}

public JLabel getTxtEstado() {
    return txtEstado;
}

public JButton getBtnIniciar() {
    return btnIniciar;
}

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

        /* Create and display the form */
    }
}

```

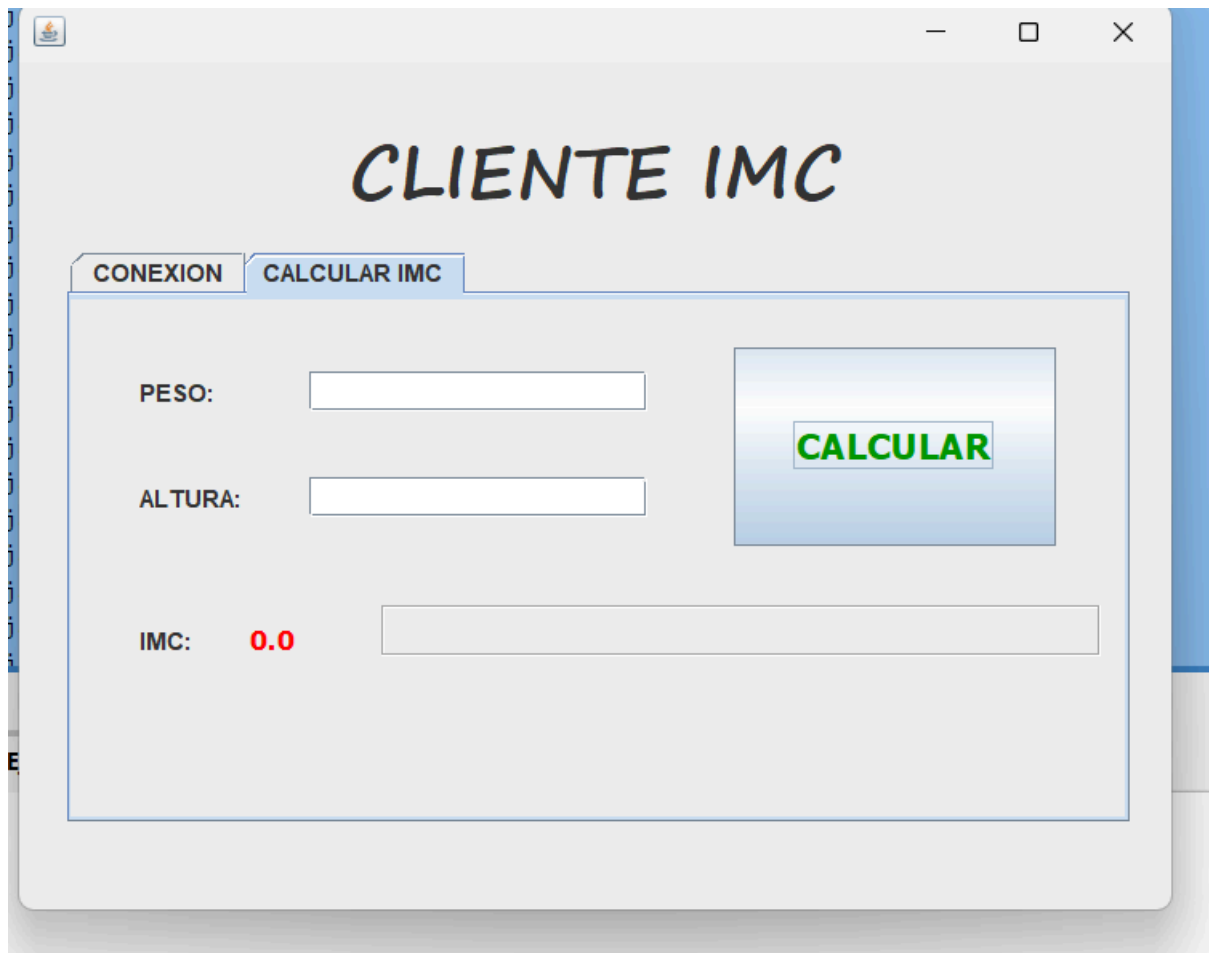
```

        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new VentanaPrincipal().setVisible(true);
            }
        });
    }

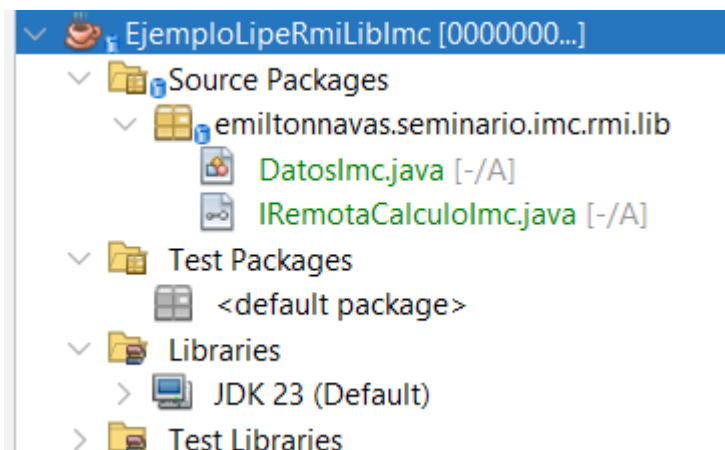
    // Variables declaration - do not modify
    private javax.swing.JButton btnIniciar;
    private javax.swing.JButton btnIniciar1;
    private javax.swing.JTextField campoAltura;
    private javax.swing.JTextField campoIPServidor;
    private javax.swing.JTextField campoPeso;
    private javax.swing.JTextField campoPuertoServidor;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel4;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JLabel jLabel6;
    private javax.swing.JLabel jLabel7;
    private javax.swing.JPanel jPanel1;
    private javax.swing.JPanel jPanel2;
    private javax.swing.JTabbedPane jTabbedPane1;
    private javax.swing.JLabel txtEstado;
    private javax.swing.JLabel txtMensaje;
    private javax.swing.JLabel txtResultado;
    // End of variables declaration
}

```





creamos el proyecto EjemploLipeRmiLibImc de tipo java class library



creamos la clase datos imc

```
/*
 * Click
 * nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
 * change this license
 */
```

```
* Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to
edit this template
```

```
*/
```

```
package emiltonnavas.seminario.imc.rmi.lib;
```

```
import emiltonnavas.seminario.imc.rmi.lib.DatosImc;
```

```
import emiltonnavas.seminario.imc.rmi.lib.IRemotaCalculoImc;
```

```
import java.io.Serializable;
```

```
public class DatosImc implements Serializable {
```

```
    private float peso;
```

```
    private float altura;
```

```
    private float resultado;
```

```
    private String interpretation;
```

```
    public DatosImc() {
    }
```

```
    public DatosImc(float peso, float altura) {
        this.peso = peso;
        this.altura = altura;
    }
```

```
    public float getPeso() {
        return peso;
    }
```

```
    public void setPeso(float peso) {
        this.peso = peso;
    }
```

```
    public float getAltura() {
        return altura;
    }
```

```
    public void setAltura(float altura) {
        this.altura = altura;
    }
```

```
    public float getResultado() {
        return resultado;
    }
```



```

    public void setResultado(float resultado) {
        this.resultado = resultado;
    }

    public String getInterpretacion() {
        return interpretation;
    }

    public void setInterpretacion(String interpretation) {
        this.interpretation = interpretation;
    }
}

```

y creamos la interfaz

```

/*
 * Click
nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Interface.java
to edit this template
 */
package emiltonnavas.seminario.imc.rmi.lib;

/**
 *
 * @author Emilton Navas
 */
public interface IRemotaCalculoImc {
    public DatosImc calculaImc(DatosImc datos);

    public DatosImc calcularImc(DatosImc datos);
}

```

Ahora hacemos el proyecto para el servidor EjemploLipeRmiServidorImc

New Java Application

**Steps**

1. Choose Project
2. **Name and Location**

**Name and Location**

Project Name: EjemploLipeRmiServidorImc

Project Location: C:\Users\Emilton Navas\Documents\NetBeansProjects Browse...

Project Folder: ocduments\NetBeansProjects\EjemploLipeRmiServidorImc

☐ Use Dedicated Folder for Storing Libraries

Libraries Folder: Browse...

Different users and projects can share the same compilation libraries (see Help for details).

☒ Create Main Class emiltonnavas.seminario.rmi.imc

```
/*
 * Click
 nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
 change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to
 edit this template
 */
package emiltonnavas.seminario.imc.rmi;

import emiltonnavas.seminario.imc.rmi.net.Servidor;

/**
 *
 * @author Emilton Navas
 */
public class Principal {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
        Servidor servicio = new Servidor();
        try {
            servicio.iniciar();
        }
    }
}
```

```

        } catch (Exception ex) {
            System.out.println(ex.getLocalizedMessage());
        }
    }
}

```

creamos el paquete emiltonnavas.seminario.imc.rmi.net

y creamos las clases Servidor y CalculoRmiImcImplem

```

/*
 * Click
 nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
 change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to
 edit this template
 */
package emiltonnavas.seminario.imc.rmi.net;
import emiltonnavas.seminario.imc.rmi.lib.DatosImc;
import emiltonnavas.seminario.imc.rmi.lib.IRemotaCalculoImc;

public class CalculoRmiImcImplem implements IRemotaCalculoImc {

    private DatosImc datos;

    public CalculoRmiImcImplem() {
    }

    public DatosImc calcularImc(DatosImc datos) {
        float resultado = 0;
        if (datos.getPeso() <= 0 || datos.getAltura() <= 0) {
            datos.setInterpretacion("ERROR: El peso y la altura deben
ser mayores que 0");
            return datos;
        } else {
            resultado = datos.getPeso() / (datos.getAltura() *
datos.getAltura());
            datos.setResultado(resultado);
            if (resultado < 18.5) {
                datos.setInterpretacion("Debes consultar un Medico, tu
peso es muy bajo");
            } else if (resultado >= 18.5 && resultado <= 24.9) {
                datos.setInterpretacion("Estas bien de peso");
            }
        }
    }
}

```

```

        } else if (resultado > 24.9 && resultado <= 29.9) {
            datos.setInterpretacion("Debes bajar un poco de peso");
        } else {
            datos.setInterpretacion("Debes consultar un Medico, tu
peso es muy alto");
        }
        return datos;
    }
}

@Override
public DatosImc calculaImc(DatosImc datos) {
    throw new UnsupportedOperationException("Not supported yet.");
// Generated from
nbfs://nbhost/SystemFileSystem/Templates/Classes/Code/GeneratedMethodBod
y
    }
}

```

## Servidor

```

/*
 * Click
nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to
edit this template
 */
package emiltonnavas.seminario.imc.rmi.net;

import emiltonnavas.seminario.imc.rmi.lib.IRemotaCalculoImc;
import java.io.IOException;
import net.sf.lipermi.exception.LipeRMIException;
import net.sf.lipermi.handler.CallHandler;
import net.sf.lipermi.net.Server;

/**
 *
 * @author Emilton Navas
 */
public class Servidor {
    private int puerto = 9007;
    private CallHandler invocador;
    private Server servidor;
    private CalculoRmiImcImplem calculoImc;
}

```

```

private IRemotaCalculoImc calculoImcRemote;

public Servidor() {
    invocador = new CallHandler();
    servidor = new Server();
    calculoImc = new CalculoRmiImcImplem();
}

public void iniciar() throws Exception {
    try {
        invocador.registerGlobal(IRemotaCalculoImc.class,
calculoImc);
        servidor.bind(puerto, invocador);
    } catch (LipeRMIException ex) {
        throw new Exception("Error: No es posible invocar métodos
remotos");
    } catch (IOException ex) {
        throw new Exception("Error: I/O");
    }
}

public void detener() {
    servidor.close();
}
}

```

e implementamos la libreria lipermi y el proyecto

