CENTRO UNIVERSITÁRIO ANHANGUERA DE SÃO PAULO

PROGRAMAÇÃO ORIENTADA A OBJETOS

SÃO PAULO
2015

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PROGRAMAÇÃO ORIENTADA A OBJETOS

Projeto apresentado como forma de obtenção da menção da disciplina Programação Orientada a Objetos. Orientador: Professor Especialista RUDSON KIYOSHI SOUZA CARVALHO

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**Projeto apresentado como forma de obtenção da menção da disciplina
Programação Orientada a Objetos.
Orientador: Professor Especialista RUDSON KIYOSHI SOUZA CARVALHO**

_____
RUDSON KIYOSHI SOUZA CARVALHO

NOTA:_____

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EPÍGRAFE

Software é como sexo: é melhor quando é livre.
LINUS TORVALDS

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DEDICATÓRIA

"Dedicamos este trabalho aos nossos pais por se constituírem diferentemente enquanto pessoas, igualmente belos e admiráveis em essência, estímulos que me impulsionaram a buscar vida nova a cada dia, meus agradecimentos por terem aceitado se privar de minha companhia pelos estudos, concedendo a mim a oportunidade de me realizar ainda mais".

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RESUMO

Projeto desenvolvido utilizando a linguagem de programação Java tem como intuito a viabilização e informatização dos senhorios que fazem aluguel de quartos em suas casas. Agilizando assim a forma de cobrança da estadia dos locatários. Garantindo precisão e facilidade na emissão dos cálculos necessários para cobrança.

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ABSTRACT

Project developed using the Java programming language has the intention to feasibility and computerization of landlords who do rent rooms in their homes. Thus speeding the form of payment of the stay of tenants . Ensuring accuracy and ease in issuing the calculations necessary for collection.

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Sumário

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Classe ATPS
Classe principal do projeto, responsável por iniciar o programa.

Fonte:

package atps;

/**
 *
 * @author rafaelgs
 */
public class ATPS {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        jfSplash splash = new jfSplash();
        splash.setVisible(true);
    }

}

Classe cAluguel
Responsável pelos cálculos do sistema.

Fonte:

package atps;

import java.math.BigDecimal;
import java.text.SimpleDateFormat;
import java.util.*;

/**
 *
 * @author rafaelgs
 */
public class cAluguel extends cQuarto {

   private Date dataInicial = new Date();
   private Date dataFinal = new Date();
   private BigDecimal valor_ttl0;
   private BigDecimal valor_ttl1;
   private String diarias;
   private int diarias1;

   public BigDecimal calc_diaria_dia(Date dataInicial, Date dataFinal) {

     SimpleDateFormat sdf0 = new SimpleDateFormat("dd/MM/yyyy");

     long aux0 = 24L * 60L * 60L * 1000L;
     long aux1 = ((dataFinal.getTime() - dataInicial.getTime()) / aux0);
     //
     System.out.println(getValor_quarto());
     setValor_ttl0(new BigDecimal(String.valueOf(aux1)));
     //
     setDiarias(String.valueOf(aux1));
     setDiarias1(Integer.parseInt(getDiarias()));

     return valor_ttl0;
   }

   public int calc_diaria_hora(String horaInicial, String horaFinal) {

     int aux0 = 0;
     int aux1;

```java
   int aux2;

   aux1 = Integer.parseInt(horaInicial);
   aux2 = Integer.parseInt(horaFinal);

   if (aux2 > 1200) {
      aux0 = aux0 + 1;
      setDiarias1(getDiarias1() + aux0);
   }
   return getDiarias1();
}

public Date getDataInicial() {
   return dataInicial;
}

public void setDataInicial(Date dataInicial) {
   this.dataInicial = dataInicial;
}

public Date getDataFinal() {
   return dataFinal;
}

public void setDataFinal(Date dataFinal) {
   this.dataFinal = dataFinal;
}

public BigDecimal getValor_ttl1() {
   return valor_ttl1;
}

public void setValor_ttl1(BigDecimal valor_ttl1) {
   this.valor_ttl1 = valor_ttl1;
}

public BigDecimal getValor_ttl0() {
   return valor_ttl0;
}

public void setValor_ttl0(BigDecimal valor_ttl0) {
   this.valor_ttl0 = valor_ttl0;
}

public String getDiarias() {
   return diarias;
}
```

```java
    public void setDiarias(String diarias) {
        this.diarias = diarias;
    }

    public int getDiarias1() {
        return diarias1;
    }

    public void setDiarias1(int diarias1) {
        this.diarias1 = diarias1;
    }

}
```

Classe cPessoa

Responsável pelo armazenamento das informações do cliente.

Fonte:

```java
package atps;

import java.util.Date;

/**
 *
 * @author rafaelgs
 */
public class cPessoa {

    private String nome;
    private String rg;
    private String cpf;
    private Date datanasc = new Date();
    private String telefone;

    public String getNome() {
        return nome;
    }

    public void setNome(String nome) {
        this.nome = nome;
    }

    public String getRg() {
        return rg;
    }

    public void setRg(String rg) {
        this.rg = rg;
    }

    public String getCpf() {
        return cpf;
    }

    public void setCpf(String cpf) {
        this.cpf = cpf;
    }
```

```java
    public Date getDatanasc() {
        return datanasc;
    }

    public void setDatanasc(Date datanasc) {
        this.datanasc = datanasc;
    }

    public String getTelefone() {
        return telefone;
    }

    public void setTelefone(String telefone) {
        this.telefone = telefone;
    }

}
```

Classe cQuarto

Responsável pelo armazenamento das informações do quarto a ser alugado.

Fonte:

```
package atps;

import java.math.BigDecimal;

/**
 *
 * @author rafaelgs
 */
public class cQuarto {

    private String codigo;
    private String descricao;
    private String numero;
    private String andar;
    private String tipo;
    private BigDecimal valor_quarto;

    public String getCodigo() {
        return codigo;
    }

    public void setCodigo(String codigo) {
        this.codigo = codigo;
    }

    public String getDescricao() {
        return descricao;
    }

    public void setDescricao(String descricao) {
        this.descricao = descricao;
    }

    public String getNumero() {
        return numero;
    }

    public void setNumero(String numero) {
        this.numero = numero;
```

```java
    }

    public String getAndar() {
        return andar;
    }

    public void setAndar(String andar) {
        this.andar = andar;
    }

    public String getTipo() {
        return tipo;
    }

    public void setTipo(String tipo) {
        this.tipo = tipo;
    }

    public BigDecimal getValor_quarto() {
        return valor_quarto;
    }

    public void setValor_quarto(BigDecimal valor_quarto) {
        this.valor_quarto = valor_quarto;
    }

}
```

Classe jfDiaria
Formulário responsável pela inserção de dados, calculo das diárias e valor a ser pago, e impressão de recibo.

Fonte:

```java
package atps;

import java.math.BigDecimal;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import javax.swing.JOptionPane;

/**
 *
 * @author rafaelgs
 */
public class jfDiaria extends javax.swing.JFrame {

    /**
     * Creates new form jfDiaria
     */
    public jfDiaria() {
        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">//GEN-BEGIN:initComponents
    private void initComponents() {

        jpInfoDiaria = new javax.swing.JPanel();
        jtfDataEntrada = new javax.swing.JTextField();
        jtfDataSaida = new javax.swing.JTextField();
        jlDataEntrada = new javax.swing.JLabel();
        jlDataSaida = new javax.swing.JLabel();
        jlHoraEntrada = new javax.swing.JLabel();
        jlHoraSaida = new javax.swing.JLabel();
        jtfHoraEntrada = new javax.swing.JTextField();
```

```java
jtfHoraSaida = new javax.swing.JTextField();
jlMDP0 = new javax.swing.JLabel();
jlMDP1 = new javax.swing.JLabel();
jtfMinutoEntrada = new javax.swing.JTextField();
jtfMinutoSaida = new javax.swing.JTextField();
jbCalcular = new javax.swing.JButton();
jlValor = new javax.swing.JLabel();
jlCifrao = new javax.swing.JLabel();
jlValorTotal = new javax.swing.JLabel();
jScrollPane1 = new javax.swing.JScrollPane();
jtaRecibo = new javax.swing.JTextArea();
jpInfoCliente = new javax.swing.JPanel();
jlNome = new javax.swing.JLabel();
jtfNome = new javax.swing.JTextField();
jlRg = new javax.swing.JLabel();
jtfRg = new javax.swing.JTextField();
jlCpf = new javax.swing.JLabel();
jtfCpf = new javax.swing.JTextField();
jlTelefone = new javax.swing.JLabel();
jtfTel = new javax.swing.JTextField();
jlDNasc = new javax.swing.JLabel();
jtfDNasc = new javax.swing.JTextField();
jpQuarto = new javax.swing.JPanel();
jlValor1 = new javax.swing.JLabel();
jlCifrao1 = new javax.swing.JLabel();
jtfValor = new javax.swing.JTextField();
jlDescricao = new javax.swing.JLabel();
jtfDescricao = new javax.swing.JTextField();
jlNumero = new javax.swing.JLabel();
jtfNumero = new javax.swing.JTextField();
jlAndar = new javax.swing.JLabel();
jtfAndar = new javax.swing.JTextField();
jlTipo = new javax.swing.JLabel();
jtfTipo = new javax.swing.JTextField();
jbFechar = new javax.swing.JButton();


setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
setTitle("DIARIA");
setMaximumSize(new java.awt.Dimension(446, 659));
setMinimumSize(new java.awt.Dimension(446, 659));
setName("jfDiaria"); // NOI18N
setResizable(false);
addWindowListener(new java.awt.event.WindowAdapter() {
    public void windowClosed(java.awt.event.WindowEvent evt) {
        formWindowClosed(evt);
```

```java
        }
        public void windowClosing(java.awt.event.WindowEvent evt) {
            formWindowClosing(evt);
        }
    });


jpInfoDiaria.setBorder(javax.swing.BorderFactory.createTitledBorder("Calculo
Diaria"));
    jpInfoDiaria.setToolTipText("Calculo Diaria");

    jtfDataEntrada.setText("DD/MM/AAAA");
    jtfDataEntrada.setToolTipText("Data de entrada formato: DIA/MÊS/ANO");
    jtfDataEntrada.addFocusListener(new java.awt.event.FocusAdapter() {
        public void focusGained(java.awt.event.FocusEvent evt) {
            jtfDataEntradaFocusGained(evt);
        }
    });

    jtfDataSaida.setText("DD/MM/AAAA");
    jtfDataSaida.setToolTipText("Data de saida formato: DIA/MÊS/ANO");
    jtfDataSaida.addFocusListener(new java.awt.event.FocusAdapter() {
        public void focusGained(java.awt.event.FocusEvent evt) {
            jtfDataSaidaFocusGained(evt);
        }
    });

    jlDataEntrada.setText("Data Entrada:");

    jlDataSaida.setText("Data Saída:");

    jlHoraEntrada.setText("Hora Entrada:");

    jlHoraSaida.setText("Hora Saída:");

    jtfHoraEntrada.setText("HH");
    jtfHoraEntrada.setToolTipText("Hora de entrada");
    jtfHoraEntrada.setMinimumSize(new java.awt.Dimension(7, 20));
    jtfHoraEntrada.addFocusListener(new java.awt.event.FocusAdapter() {
        public void focusGained(java.awt.event.FocusEvent evt) {
            jtfHoraEntradaFocusGained(evt);
        }
    });

    jtfHoraSaida.setText("HH");
    jtfHoraSaida.setToolTipText("Hora de saida");
    jtfHoraSaida.addFocusListener(new java.awt.event.FocusAdapter() {
```

```java
        public void focusGained(java.awt.event.FocusEvent evt) {
            jtfHoraSaidaFocusGained(evt);
        }
    });

    jlMDP0.setText(":");

    jlMDP1.setText(":");

    jtfMinutoEntrada.setText("MM");
    jtfMinutoEntrada.setToolTipText("Minutos da entrada");
    jtfMinutoEntrada.addFocusListener(new java.awt.event.FocusAdapter() {
        public void focusGained(java.awt.event.FocusEvent evt) {
            jtfMinutoEntradaFocusGained(evt);
        }
    });

    jtfMinutoSaida.setText("MM");
    jtfMinutoSaida.setToolTipText("Minutos da saida");
    jtfMinutoSaida.addFocusListener(new java.awt.event.FocusAdapter() {
        public void focusGained(java.awt.event.FocusEvent evt) {
            jtfMinutoSaidaFocusGained(evt);
        }
    });

    jbCalcular.setText("Calcular");
    jbCalcular.setToolTipText("Calcula o valor da diaria");
    jbCalcular.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jbCalcularActionPerformed(evt);
        }
    });

    jlValor.setText("VALOR TOTAL:");

    jlCifrao.setText("R$");

    javax.swing.GroupLayout          jpInfoDiariaLayout          =          new
javax.swing.GroupLayout(jpInfoDiaria);
    jpInfoDiaria.setLayout(jpInfoDiariaLayout);
    jpInfoDiariaLayout.setHorizontalGroup(

jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
        .addGroup(jpInfoDiariaLayout.createSequentialGroup()
            .addContainerGap()
```

```
.addGroup(jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.LEADING)
                .addGroup(jpInfoDiariaLayout.createSequentialGroup()

.addGroup(jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.TRAILING)
                    .addComponent(jlDataEntrada)
                    .addComponent(jlDataSaida))

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

.addGroup(jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.LEADING, false)
                    .addComponent(jtfDataEntrada)
                    .addComponent(jtfDataSaida))
                .addGap(18, 18, 18)

.addGroup(jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.TRAILING)
                    .addComponent(jlHoraEntrada)
                    .addComponent(jlHoraSaida))

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

.addGroup(jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.LEADING, false)
                    .addComponent(jtfHoraEntrada,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jtfHoraSaida))

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

.addGroup(jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.LEADING)
                    .addGroup(jpInfoDiariaLayout.createSequentialGroup()
                        .addComponent(jlMDP0)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                        .addComponent(jtfMinutoEntrada,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(jpInfoDiariaLayout.createSequentialGroup()
```

```
                    .addComponent(jlMDP1,
javax.swing.GroupLayout.PREFERRED_SIZE,                          4,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jtfMinutoSaida,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))))
                .addGroup(jpInfoDiariaLayout.createSequentialGroup()
                    .addComponent(jbCalcular)
                    .addGap(18, 18, 18)
                    .addComponent(jlValor)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jlCifrao)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jlValorTotal)))
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        );
        jpInfoDiariaLayout.setVerticalGroup(

jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
            .addGroup(jpInfoDiariaLayout.createSequentialGroup()
                .addContainerGap()

.addGroup(jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.BASELINE)
                    .addComponent(jtfDataEntrada,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jlDataEntrada)
                    .addComponent(jlHoraEntrada)
                    .addComponent(jtfHoraEntrada,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jlMDP0)
                    .addComponent(jtfMinutoEntrada,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```java
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

        .addGroup(jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.BASELINE)
                .addComponent(jtfDataSaida,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jlDataSaida)
                .addComponent(jlHoraSaida)
                .addComponent(jtfHoraSaida,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jlMDP1)
                .addComponent(jtfMinutoSaida,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

        .addGroup(jpInfoDiariaLayout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.BASELINE)
                .addComponent(jbCalcular)
                .addComponent(jlValor)
                .addComponent(jlCifrao)
                .addComponent(jlValorTotal))
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        );

        jtaRecibo.setColumns(20);
        jtaRecibo.setRows(5);
        jtaRecibo.setToolTipText("Emissão de recibo");
        jScrollPane1.setViewportView(jtaRecibo);


jpInfoCliente.setBorder(javax.swing.BorderFactory.createTitledBorder("Informaç
ões do Cliente"));
        jpInfoCliente.setToolTipText("Informações do Cliente");

        jlNome.setText("Nome:");

        jlRg.setText("RG:");

        jlCpf.setText("CPF:");
```

```java
        jlTelefone.setText("Tel:");

        jlDNasc.setText("Data Nasc.:");

        javax.swing.GroupLayout          jpInfoClienteLayout          =          new
javax.swing.GroupLayout(jpInfoCliente);
        jpInfoCliente.setLayout(jpInfoClienteLayout);
        jpInfoClienteLayout.setHorizontalGroup(

jpInfoClienteLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.L
EADING)
        .addGroup(jpInfoClienteLayout.createSequentialGroup()
          .addContainerGap()

.addGroup(jpInfoClienteLayout.createParallelGroup(javax.swing.GroupLayout.A
lignment.TRAILING)
              .addComponent(jlTelefone)
              .addComponent(jlRg)
              .addComponent(jlNome))

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

.addGroup(jpInfoClienteLayout.createParallelGroup(javax.swing.GroupLayout.A
lignment.LEADING)
              .addComponent(jtfNome)
              .addGroup(jpInfoClienteLayout.createSequentialGroup()

.addGroup(jpInfoClienteLayout.createParallelGroup(javax.swing.GroupLayout.A
lignment.TRAILING, false)
                  .addComponent(jtfTel,
javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, 96, Short.MAX_VALUE)
                  .addComponent(jtfRg,
javax.swing.GroupLayout.Alignment.LEADING))

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

.addGroup(jpInfoClienteLayout.createParallelGroup(javax.swing.GroupLayout.A
lignment.LEADING)
                  .addGroup(jpInfoClienteLayout.createSequentialGroup()
                    .addComponent(jlDNasc)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jtfDNasc))
                  .addGroup(jpInfoClienteLayout.createSequentialGroup()
                    .addComponent(jlCpf)
```

```
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                        .addComponent(jtfCpf)))))
            .addContainerGap())
    );
    jpInfoClienteLayout.setVerticalGroup(

jpInfoClienteLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jpInfoClienteLayout.createSequentialGroup()
            .addContainerGap()

.addGroup(jpInfoClienteLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jlNome)
                .addComponent(jtfNome,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

.addGroup(jpInfoClienteLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jlRg)
                .addComponent(jtfRg,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jlCpf)
                .addComponent(jtfCpf,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

.addGroup(jpInfoClienteLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jlTelefone)
                .addComponent(jtfTel,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jlDNasc)
                .addComponent(jtfDNasc,
javax.swing.GroupLayout.PREFERRED_SIZE,
```

```java
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
    );


jpQuarto.setBorder(javax.swing.BorderFactory.createTitledBorder("Informações
do Quarto"));

    jlValor1.setText("Valor:");

    jlCifrao1.setText("R$");

    jlDescricao.setText("Descrição:");

    jlNumero.setText("Número:");

    jlAndar.setText("Andar:");

    jlTipo.setText("Tipo:");

    javax.swing.GroupLayout           jpQuartoLayout          =          new
javax.swing.GroupLayout(jpQuarto);
    jpQuarto.setLayout(jpQuartoLayout);
    jpQuartoLayout.setHorizontalGroup(

jpQuartoLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jpQuartoLayout.createSequentialGroup()
            .addContainerGap()

.addGroup(jpQuartoLayout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING)
                .addComponent(jlDescricao)
                .addComponent(jlNumero)
                .addComponent(jlAndar)
                .addComponent(jlTipo)
                .addComponent(jlValor1))

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

.addGroup(jpQuartoLayout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
                .addGroup(jpQuartoLayout.createSequentialGroup()
                    .addComponent(jlCifrao1)
```

```
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                        .addComponent(jtfValor))
                    .addComponent(jtfTipo)
                    .addComponent(jtfAndar,
javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(jtfNumero,
javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(jtfDescricao))
                .addContainerGap())
        );
        jpQuartoLayout.setVerticalGroup(

jpQuartoLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jpQuartoLayout.createSequentialGroup()
                .addContainerGap()

.addGroup(jpQuartoLayout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
                    .addComponent(jtfDescricao,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jlDescricao))

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

.addGroup(jpQuartoLayout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
                    .addComponent(jtfNumero,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jlNumero))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jpQuartoLayout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
                    .addComponent(jtfAndar,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jlAndar))
```

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

                .addGroup(jpQuartoLayout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
                        .addComponent(jtfTipo,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jlTipo))

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

                .addGroup(jpQuartoLayout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
                        .addComponent(jtfValor,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jlValor1)
                        .addComponent(jlCifrao1))
                    .addGap(16, 16, 16))
        );

        jbFechar.setText("Fechar");
        jbFechar.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jbFecharActionPerformed(evt);
            }
        });

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

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
                        .addComponent(jScrollPane1,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, 426, Short.MAX_VALUE)
```

```
                .addComponent(jpInfoCliente,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jpInfoDiaria,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jpQuarto,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addComponent(jbFechar)))
            .addContainerGap()
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jpInfoCliente,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jpQuarto,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jpInfoDiaria,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jScrollPane1,
javax.swing.GroupLayout.DEFAULT_SIZE, 194, Short.MAX_VALUE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
            .addComponent(jbFechar)
            .addContainerGap())
    );

    pack();
```

```java
    }// </editor-fold>//GEN-END:initComponents

    private void jtfDataEntradaFocusGained(java.awt.event.FocusEvent evt)
{//GEN-FIRST:event_jtfDataEntradaFocusGained
        // TODO add your handling code here:
        jtfDataEntrada.setText(null);
    }//GEN-LAST:event_jtfDataEntradaFocusGained

    private void jbCalcularActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jbCalcularActionPerformed

        // TODO add your handling code here:
        cAluguel aluguel = new cAluguel();
        cPessoa pessoa = new cPessoa();
        cQuarto quarto = new cQuarto();
        BigDecimal aux0 = new BigDecimal("00.00");
        SimpleDateFormat sdf = new SimpleDateFormat("dd/MM/yyyy");

        //INFORMAÇÕES DO CLIENTE
        try {
            pessoa.setNome(jtfNome.getText());
            pessoa.setRg(jtfRg.getText());
            pessoa.setCpf(jtfCpf.getText());
            pessoa.setTelefone(jtfTel.getText());

            try {
                pessoa.setDatanasc(sdf.parse(jtfDNasc.getText()));
            } catch (ParseException ex) {
                JOptionPane.showMessageDialog(null, "Favor revisar a data de
nascimento");
            }
        } catch (NullPointerException e) {
            JOptionPane.showMessageDialog(null, "Preencha todos os campos");
        }

        //INFORMAÇÕES DO QUARTO
        try {
            quarto.setDescricao(jtfDescricao.getText());
            quarto.setNumero(jtfNumero.getText());
            quarto.setAndar(jtfAndar.getText());
            quarto.setTipo(jtfTipo.getText());

            try {
                quarto.setValor_quarto(new BigDecimal(jtfValor.getText()));
            } catch (NumberFormatException ex) {
                JOptionPane.showMessageDialog(null, "Favor inserir no formato
demonstrado no exemplo \nXX.XX");
```

```java
        }
    } catch (NullPointerException e) {
        JOptionPane.showMessageDialog(null, "Preencha todos os campos");
    }

    // CALCULO DOS DIAS
    try {
        aluguel.calc_diaria_dia(sdf.parse(jtfDataEntrada.getText()),
sdf.parse(jtfDataSaida.getText()));
    } catch (ParseException ex) {
        JOptionPane.showMessageDialog(null, "Favor revisar as datas");
    }

    // CALCULO DAS HORAS
    aluguel.calc_diaria_hora((jtfHoraEntrada.getText()                    +
jtfMinutoEntrada.getText()), (jtfHoraSaida.getText() + jtfMinutoSaida.getText()));

    //CALCULO DO VALOR
    aux0    =    (new    BigDecimal(aluguel.getDiarias1())).multiply(new
BigDecimal(jtfValor.getText()));

    //EXIBIÇÃO DO VALOR TOTAL
    jlValorTotal.setText(String.valueOf(aux0));

    //EXIBIÇÃO DO RECIBO
    jtaRecibo.setText("======================================"
        + "\nLocatário: " + pessoa.getNome()
        + "\nData e horário de entrada: " + jtfDataEntrada.getText() + " | " +
(jtfHoraEntrada.getText() + ":" + jtfMinutoEntrada.getText())
        + "\nData e horário de saída: " + jtfDataSaida.getText() + " | " +
(jtfHoraSaida.getText() + ":" + jtfMinutoSaida.getText())
        + "\nNumero de diarias: " + aluguel.getDiarias1()
        + "\nTotal devido: R$" + aux0
        + "\n======================================");

}//GEN-LAST:event_jbCalcularActionPerformed

private  void  jtfHoraEntradaFocusGained(java.awt.event.FocusEvent  evt)
{//GEN-FIRST:event_jtfHoraEntradaFocusGained
    // TODO add your handling code here:
    jtfHoraEntrada.setText(null);
}//GEN-LAST:event_jtfHoraEntradaFocusGained

private  void  jtfMinutoEntradaFocusGained(java.awt.event.FocusEvent  evt)
{//GEN-FIRST:event_jtfMinutoEntradaFocusGained
    // TODO add your handling code here:
    jtfMinutoEntrada.setText(null);
```

```java
    }//GEN-LAST:event_jtfMinutoEntradaFocusGained

    private void jtfDataSaidaFocusGained(java.awt.event.FocusEvent evt)
{//GEN-FIRST:event_jtfDataSaidaFocusGained
        // TODO add your handling code here:
        jtfDataSaida.setText(null);
    }//GEN-LAST:event_jtfDataSaidaFocusGained

    private void jtfHoraSaidaFocusGained(java.awt.event.FocusEvent evt)
{//GEN-FIRST:event_jtfHoraSaidaFocusGained
        // TODO add your handling code here:
        jtfHoraSaida.setText(null);
    }//GEN-LAST:event_jtfHoraSaidaFocusGained

    private void jtfMinutoSaidaFocusGained(java.awt.event.FocusEvent evt)
{//GEN-FIRST:event_jtfMinutoSaidaFocusGained
        // TODO add your handling code here:
        jtfMinutoSaida.setText(null);
    }//GEN-LAST:event_jtfMinutoSaidaFocusGained

    private void formWindowClosed(java.awt.event.WindowEvent evt) {//GEN-
FIRST:event_formWindowClosed
        // TODO add your handling code here:
    }//GEN-LAST:event_formWindowClosed

    private void formWindowClosing(java.awt.event.WindowEvent evt) {//GEN-
FIRST:event_formWindowClosing
        // TODO add your handling code here:
        JOptionPane.showMessageDialog(rootPane, "BRUNO ANTAR GOUVEIA
TAVOLARO 3198280113\n"
                + "CAIQUE DA SILVA RAMOS 9089489582\n"
                + "DAVID FELICIO DOS ANJOS 1299306669\n"
                + "KAIQUI SANTOS VIEIRA 8060777516\n"
                + "MARCUS VINICIUS CAMPOS ALMEIDA 3198272622\n"
                + "RAFAEL GOMIDES PORTELA E SILVA 8872423979\n"
                + "SERGIO GOMES BERNARDO 8203951948");
    }//GEN-LAST:event_formWindowClosing

    private void jbFecharActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jbFecharActionPerformed
        // TODO add your handling code here:
        JOptionPane.showMessageDialog(rootPane, "BRUNO ANTAR GOUVEIA
TAVOLARO  3198280113\n"
                + "CAIQUE DA SILVA RAMOS   9089489582\n"
                + "DAVID FELICIO DOS ANJOS  1299306669\n"
                + "KAIQUI SANTOS VIEIRA    8060777516\n"
                + "MARCUS VINICIUS CAMPOS ALMEIDA  3198272622\n"
```

```java
                    + "RAFAEL GOMIDES PORTELA E SILVA   8872423979\n"
                    + "SERGIO GOMES BERNARDO    8203951948");
        dispose();
    }//GEN-LAST:event_jbFecharActionPerformed

    /**
     * @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    |    InstantiationException    |
IllegalAccessException | javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(jfDiaria.class.getName()).log(java.util.logging
.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(() -> {
            new jfDiaria().setVisible(true);
        });
    }

    // Variables declaration - do not modify//GEN-BEGIN:variables
    private javax.swing.JScrollPane jScrollPane1;
    private javax.swing.JButton jbCalcular;
    private javax.swing.JButton jbFechar;
    private javax.swing.JLabel jlAndar;
    private javax.swing.JLabel jlCifrao;
```

```java
    private javax.swing.JLabel jlCifrao1;
    private javax.swing.JLabel jlCpf;
    private javax.swing.JLabel jlDNasc;
    private javax.swing.JLabel jlDataEntrada;
    private javax.swing.JLabel jlDataSaida;
    private javax.swing.JLabel jlDescricao;
    private javax.swing.JLabel jlHoraEntrada;
    private javax.swing.JLabel jlHoraSaida;
    private javax.swing.JLabel jlMDP0;
    private javax.swing.JLabel jlMDP1;
    private javax.swing.JLabel jlNome;
    private javax.swing.JLabel jlNumero;
    private javax.swing.JLabel jlRg;
    private javax.swing.JLabel jlTelefone;
    private javax.swing.JLabel jlTipo;
    private javax.swing.JLabel jlValor;
    private javax.swing.JLabel jlValor1;
    private javax.swing.JLabel jlValorTotal;
    private javax.swing.JPanel jpInfoCliente;
    private javax.swing.JPanel jpInfoDiaria;
    private javax.swing.JPanel jpQuarto;
    private javax.swing.JTextArea jtaRecibo;
    private javax.swing.JTextField jtfAndar;
    private javax.swing.JTextField jtfCpf;
    private javax.swing.JTextField jtfDNasc;
    private javax.swing.JTextField jtfDataEntrada;
    private javax.swing.JTextField jtfDataSaida;
    private javax.swing.JTextField jtfDescricao;
    private javax.swing.JTextField jtfHoraEntrada;
    private javax.swing.JTextField jtfHoraSaida;
    private javax.swing.JTextField jtfMinutoEntrada;
    private javax.swing.JTextField jtfMinutoSaida;
    private javax.swing.JTextField jtfNome;
    private javax.swing.JTextField jtfNumero;
    private javax.swing.JTextField jtfRg;
    private javax.swing.JTextField jtfTel;
    private javax.swing.JTextField jtfTipo;
    private javax.swing.JTextField jtfValor;
    // End of variables declaration//GEN-END:variables

    public javax.swing.JScrollPane getjScrollPane1() {
        return jScrollPane1;
    }

    public void setjScrollPane1(javax.swing.JScrollPane jScrollPane1) {
        this.jScrollPane1 = jScrollPane1;
    }
```

```java
public javax.swing.JButton getJbCalcular() {
    return jbCalcular;
}

public void setJbCalcular(javax.swing.JButton jbCalcular) {
    this.jbCalcular = jbCalcular;
}

public javax.swing.JLabel getJlAndar() {
    return jlAndar;
}

public void setJlAndar(javax.swing.JLabel jlAndar) {
    this.jlAndar = jlAndar;
}

public javax.swing.JLabel getJlCifrao() {
    return jlCifrao;
}

public void setJlCifrao(javax.swing.JLabel jlCifrao) {
    this.jlCifrao = jlCifrao;
}

public javax.swing.JLabel getJlCifrao1() {
    return jlCifrao1;
}

public void setJlCifrao1(javax.swing.JLabel jlCifrao1) {
    this.jlCifrao1 = jlCifrao1;
}

public javax.swing.JLabel getJlCpf() {
    return jlCpf;
}

public void setJlCpf(javax.swing.JLabel jlCpf) {
    this.jlCpf = jlCpf;
}

public javax.swing.JLabel getJlDNasc() {
    return jlDNasc;
}

public void setJlDNasc(javax.swing.JLabel jlDNasc) {
    this.jlDNasc = jlDNasc;
```

```java
}

public javax.swing.JLabel getJlDataEntrada() {
    return jlDataEntrada;
}

public void setJlDataEntrada(javax.swing.JLabel jlDataEntrada) {
    this.jlDataEntrada = jlDataEntrada;
}

public javax.swing.JLabel getJlDataSaida() {
    return jlDataSaida;
}

public void setJlDataSaida(javax.swing.JLabel jlDataSaida) {
    this.jlDataSaida = jlDataSaida;
}

public javax.swing.JLabel getJlDescricao() {
    return jlDescricao;
}

public void setJlDescricao(javax.swing.JLabel jlDescricao) {
    this.jlDescricao = jlDescricao;
}

public javax.swing.JLabel getJlHoraEntrada() {
    return jlHoraEntrada;
}

public void setJlHoraEntrada(javax.swing.JLabel jlHoraEntrada) {
    this.jlHoraEntrada = jlHoraEntrada;
}

public javax.swing.JLabel getJlHoraSaida() {
    return jlHoraSaida;
}

public void setJlHoraSaida(javax.swing.JLabel jlHoraSaida) {
    this.jlHoraSaida = jlHoraSaida;
}

public javax.swing.JLabel getJlMDP0() {
    return jlMDP0;
}

public void setJlMDP0(javax.swing.JLabel jlMDP0) {
```

```java
}

public javax.swing.JLabel getJlDataEntrada() {
    return jlDataEntrada;
}

public void setJlDataEntrada(javax.swing.JLabel jlDataEntrada) {
    this.jlDataEntrada = jlDataEntrada;
}

public javax.swing.JLabel getJlDataSaida() {
    return jlDataSaida;
}

public void setJlDataSaida(javax.swing.JLabel jlDataSaida) {
    this.jlDataSaida = jlDataSaida;
}

public javax.swing.JLabel getJlDescricao() {
    return jlDescricao;
}

public void setJlDescricao(javax.swing.JLabel jlDescricao) {
    this.jlDescricao = jlDescricao;
}

public javax.swing.JLabel getJlHoraEntrada() {
    return jlHoraEntrada;
}

public void setJlHoraEntrada(javax.swing.JLabel jlHoraEntrada) {
    this.jlHoraEntrada = jlHoraEntrada;
}

public javax.swing.JLabel getJlHoraSaida() {
    return jlHoraSaida;
}

public void setJlHoraSaida(javax.swing.JLabel jlHoraSaida) {
    this.jlHoraSaida = jlHoraSaida;
}

public javax.swing.JLabel getJlMDP0() {
    return jlMDP0;
}

public void setJlMDP0(javax.swing.JLabel jlMDP0) {
```

```java
      this.jlMDP0 = jlMDP0;
}

public javax.swing.JLabel getJlMDP1() {
      return jlMDP1;
}

public void setJlMDP1(javax.swing.JLabel jlMDP1) {
      this.jlMDP1 = jlMDP1;
}

public javax.swing.JLabel getJlNome() {
      return jlNome;
}

public void setJlNome(javax.swing.JLabel jlNome) {
      this.jlNome = jlNome;
}

public javax.swing.JLabel getJlNumero() {
      return jlNumero;
}

public void setJlNumero(javax.swing.JLabel jlNumero) {
      this.jlNumero = jlNumero;
}

public javax.swing.JLabel getJlRg() {
      return jlRg;
}

public void setJlRg(javax.swing.JLabel jlRg) {
      this.jlRg = jlRg;
}

public javax.swing.JLabel getJlTelefone() {
      return jlTelefone;
}

public void setJlTelefone(javax.swing.JLabel jlTelefone) {
      this.jlTelefone = jlTelefone;
}

public javax.swing.JLabel getJlTipo() {
      return jlTipo;
}
```

```java
public void setJlTipo(javax.swing.JLabel jlTipo) {
   this.jlTipo = jlTipo;
}

public javax.swing.JLabel getJlValor() {
   return jlValor;
}

public void setJlValor(javax.swing.JLabel jlValor) {
   this.jlValor = jlValor;
}

public javax.swing.JLabel getJlValor1() {
   return jlValor1;
}

public void setJlValor1(javax.swing.JLabel jlValor1) {
   this.jlValor1 = jlValor1;
}

public javax.swing.JLabel getJlValorTotal() {
   return jlValorTotal;
}

public javax.swing.JPanel getJpInfoCliente() {
   return jpInfoCliente;
}

public void setJpInfoCliente(javax.swing.JPanel jpInfoCliente) {
   this.jpInfoCliente = jpInfoCliente;
}

public javax.swing.JPanel getJpInfoDiaria() {
   return jpInfoDiaria;
}

public void setJpInfoDiaria(javax.swing.JPanel jpInfoDiaria) {
   this.jpInfoDiaria = jpInfoDiaria;
}

public javax.swing.JPanel getJpQuarto() {
   return jpQuarto;
}

public void setJpQuarto(javax.swing.JPanel jpQuarto) {
   this.jpQuarto = jpQuarto;
}
```

```java
public javax.swing.JTextArea getJtaRecibo() {
    return jtaRecibo;
}

public void setJtaRecibo(javax.swing.JTextArea jtaRecibo) {
    this.jtaRecibo = jtaRecibo;
}

public javax.swing.JTextField getJtfAndar() {
    return jtfAndar;
}

public void setJtfAndar(javax.swing.JTextField jtfAndar) {
    this.jtfAndar = jtfAndar;
}

public javax.swing.JTextField getJtfCpf() {
    return jtfCpf;
}

public void setJtfCpf(javax.swing.JTextField jtfCpf) {
    this.jtfCpf = jtfCpf;
}

public javax.swing.JTextField getJtfDNasc() {
    return jtfDNasc;
}

public void setJtfDNasc(javax.swing.JTextField jtfDNasc) {
    this.jtfDNasc = jtfDNasc;
}

public javax.swing.JTextField getJtfDataEntrada() {
    return jtfDataEntrada;
}

public void setJtfDataEntrada(javax.swing.JTextField jtfDataEntrada) {
    this.jtfDataEntrada = jtfDataEntrada;
}

public javax.swing.JTextField getJtfDataSaida() {
    return jtfDataSaida;
}

public void setJtfDataSaida(javax.swing.JTextField jtfDataSaida) {
    this.jtfDataSaida = jtfDataSaida;
```

```java
}

public javax.swing.JTextField getJtfDescricao() {
    return jtfDescricao;
}

public void setJtfDescricao(javax.swing.JTextField jtfDescricao) {
    this.jtfDescricao = jtfDescricao;
}

public javax.swing.JTextField getJtfHoraEntrada() {
    return jtfHoraEntrada;
}

public void setJtfHoraEntrada(javax.swing.JTextField jtfHoraEntrada) {
    this.jtfHoraEntrada = jtfHoraEntrada;
}

public javax.swing.JTextField getJtfHoraSaida() {
    return jtfHoraSaida;
}

public void setJtfHoraSaida(javax.swing.JTextField jtfHoraSaida) {
    this.jtfHoraSaida = jtfHoraSaida;
}

public javax.swing.JTextField getJtfMinutoEntrada() {
    return jtfMinutoEntrada;
}

public void setJtfMinutoEntrada(javax.swing.JTextField jtfMinutoEntrada) {
    this.jtfMinutoEntrada = jtfMinutoEntrada;
}

public javax.swing.JTextField getJtfMinutoSaida() {
    return jtfMinutoSaida;
}

public void setJtfMinutoSaida(javax.swing.JTextField jtfMinutoSaida) {
    this.jtfMinutoSaida = jtfMinutoSaida;
}

public javax.swing.JTextField getJtfNome() {
    return jtfNome;
}

public void setJtfNome(javax.swing.JTextField jtfNome) {
```

```java
        this.jtfNome = jtfNome;
    }

    public javax.swing.JTextField getJtfNumero() {
        return jtfNumero;
    }

    public void setJtfNumero(javax.swing.JTextField jtfNumero) {
        this.jtfNumero = jtfNumero;
    }

    public javax.swing.JTextField getJtfRg() {
        return jtfRg;
    }

    public void setJtfRg(javax.swing.JTextField jtfRg) {
        this.jtfRg = jtfRg;
    }

    public javax.swing.JTextField getJtfTel() {
        return jtfTel;
    }

    public void setJtfTel(javax.swing.JTextField jtfTel) {
        this.jtfTel = jtfTel;
    }

    public javax.swing.JTextField getJtfTipo() {
        return jtfTipo;
    }

    public void setJtfTipo(javax.swing.JTextField jtfTipo) {
        this.jtfTipo = jtfTipo;
    }

    public javax.swing.JTextField getJtfValor() {
        return jtfValor;
    }

    public void setJtfValor(javax.swing.JTextField jtfValor) {
        this.jtfValor = jtfValor;
    }

}
```

Classe jfSplash

Formulário responsável pela exibição da tela Splash, que dá inicio ao sistema.

Fonte:

```java
package atps;


import javax.swing.JOptionPane;


/**
 *
 * @author rafaelgs
 */
public class jfSplash extends javax.swing.JFrame {

    /**
     * Creates new form jfSplash
     */
    public jfSplash() {
        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">//GEN-BEGIN:initComponents
    private void initComponents() {

        jlCopyright = new javax.swing.JLabel();
        jlTitulo = new javax.swing.JLabel();
        jpbCarregando = new javax.swing.JProgressBar();


        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        setTitle("CARREGANDO...");
        setBackground(new java.awt.Color(255, 255, 255));
        setBounds(new java.awt.Rectangle(0, 0, 0, 0));
        setCursor(new java.awt.Cursor(java.awt.Cursor.WAIT_CURSOR));
        setMaximumSize(new java.awt.Dimension(400, 300));
        setMinimumSize(new java.awt.Dimension(400, 300));
        setName("splash"); // NOI18N
```

```java
        setUndecorated(true);
        setResizable(false);
        addWindowListener(new java.awt.event.WindowAdapter() {
            public void windowActivated(java.awt.event.WindowEvent evt) {
                formWindowActivated(evt);
            }
            public void windowOpened(java.awt.event.WindowEvent evt) {
                formWindowOpened(evt);
            }
        });

        jlCopyright.setText("Copyright 2015, CDKMRS");

        jlTitulo.setFont(new java.awt.Font("Lucida Console", 1, 24)); // NOI18N
        jlTitulo.setText("ATPS - Analise Orientada a Objetos");

        jpbCarregando.setToolTipText("CARREGANDO...");
        jpbCarregando.setStringPainted(true);

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

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addComponent(jlCopyright))
                .addComponent(jlTitulo,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jpbCarregando,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addContainerGap())
        );
        layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap(88, Short.MAX_VALUE)
            .addComponent(jlTitulo)

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

```java
                .addComponent(jpbCarregando,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(135, 135, 135)
                .addComponent(jlCopyright)
                .addContainerGap())
        );

        pack();
        setLocationRelativeTo(null);
    }// </editor-fold>//GEN-END:initComponents

    private void formWindowOpened(java.awt.event.WindowEvent evt) {//GEN-FIRST:event_formWindowOpened

    }//GEN-LAST:event_formWindowOpened

    private void formWindowActivated(java.awt.event.WindowEvent evt) {//GEN-FIRST:event_formWindowActivated
        // TODO add your handling code here:
        new Thread() {
            public void run() {
                for (int auxl = 1; auxl <= 100; auxl++) {
                    try {
                        sleep(50);
                        jpbCarregando.setValue(auxl);
                        jpbCarregando.setString("CARREGANDO... | " + auxl + "%");
                        if (auxl == 100) {
                            jfDiaria diaria = new jfDiaria();
                            diaria.setVisible(true);
                            diaria.setLocationRelativeTo(null);
                            dispose();
                        }
                    } catch (InterruptedException ex) {
                        JOptionPane.showConfirmDialog(null,     "Não    foi    possível
carregar!");
                        System.exit(0);
                    }

                }
            }
        }.start();
    }//GEN-LAST:event_formWindowActivated

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
```

```java
        //<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(jfSplash.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(jfSplash.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(jfSplash.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(jfSplash.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new jfSplash().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify//GEN-BEGIN:variables
    private javax.swing.JLabel jlCopyright;
    private javax.swing.JLabel jlTitulo;
    private javax.swing.JProgressBar jpbCarregando;
    // End of variables declaration//GEN-END:variables
}
```

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