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import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class ConvertitoreEL extends JFrame
implements ActionListener{
    JLabel lEuro=new JLabel("Importo in euro:");
    JTextField tEuro=new JTextField(10);
    JButton bReset=new JButton("Reset");
    JButton bConverti=new JButton("Converti");
    JLabel lLire=new JLabel("Importo in Lire:");
    JTextField tLire=new JTextField(10);
    JPanel pEuro=new JPanel();
    JPanel pBottoni=new JPanel();
    JPanel pLire=new JPanel();
    public ConvertitoreEL()
    {
        Container c=this.getContentPane();
        c.setLayout(new GridLayout(3,1));
        pEuro.add(lEuro);
        tEuro.setHorizontalAlignment(JTextField.RIGHT);
        pEuro.add(tEuro);
        pBottoni.add(bReset);
        pBottoni.add(bConverti);
        pLire.add(lLire);
        tLire.setHorizontalAlignment(JTextField.RIGHT);
        tLire.setEditable(false);
        pLire.add(tLire);
        c.add(pEuro);
        c.add(pBottoni);
        c.add(pLire);
        bReset.setActionCommand("reset");
        bConverti.setActionCommand("converti");
        bReset.addActionListener(this);
        bConverti.addActionListener(this);
        this.setTitle("Convertitore Euro-Lire");
        this.setResizable(false);
        //this.setSize(300, 200);
        this.pack();
        this.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        this.setVisible(true);
    }

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        new ConvertitoreEL();
    }
    public void actionPerformed(ActionEvent e)
    {
        if("converti".equals(e.getActionCommand()))
        {
            try
            {
                double euro=Double.parseDouble(tEuro.getText());
                double lire=1936.27*euro;
                lire=Math.round(lire*100)/100.0;
                tLire.setText(""+lire);
            }
            catch(Exception exc)
            {
                tEuro.setText("");
                tEuro.requestFocusEnabled(true);
            }
        }
    }
}

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    }
}
if("reset".equals(e.getActionCommand()))
{
    tEuro.setText("");
    tLire.setText("");
    tEuro.setRequestFocusEnabled(true);
}
}
}

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import java.awt.event.*;
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import javax.swing.*;
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```
public class CalcolatriceX extends JFrame{

    private JTextField tNumero1, tNumero2, tRisultato;
    private JButton bSomma, bDifferenza, bProdotto, bRapporto, bModulo, bReset;
    private double num1, num2, ris;
    public CalcolatriceX()
    {
        Container cp=this.getContentPane();
        cp.setLayout(new GridLayout(6, 2, 20, 6));
        cp.add(new JLabel("Numero 1: ")); // at (1, 1)
        tNumero1 = new JTextField(10);
        tNumero1.setHorizontalAlignment(JTextField.RIGHT);
        cp.add(tNumero1); // at (1, 2)
        cp.add(new JLabel("Numero 2: ")); // at (2, 1)
        tNumero2 = new JTextField(10);
        tNumero2.setHorizontalAlignment(JTextField.RIGHT);
        cp.add(tNumero2); // at (2, 2)

        cp.add(new JLabel("Risultato: ")); // at (3, 1)
        tRisultato = new JTextField(10);
        tRisultato.setHorizontalAlignment(JTextField.RIGHT);
        tRisultato.setEditable(false);
        tRisultato.setBackground(Color.yellow);

        cp.add(tRisultato); //at 3,2

        bSomma = new JButton("+");
        cp.add(bSomma); // at (4, 1)

        bDifferenza = new JButton("-");
        cp.add(bDifferenza); // at (4, 2)

        bProdotto = new JButton("*");
        cp.add(bProdotto); // at (5, 1)
        bRapporto = new JButton("/");
        cp.add(bRapporto); // at (5, 2)

        bModulo = new JButton("%");
        cp.add(bModulo); // at (6, 1)
        bReset = new JButton("Reset");
        cp.add(bReset); // at (6, 2)
    }
}

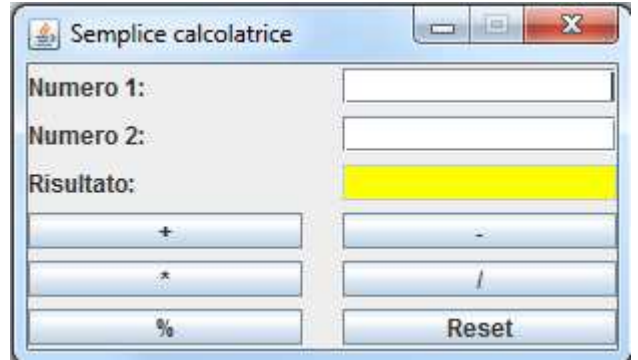
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bSomma.addActionListener(new ActionListener() {
    @Override
    public void actionPerformed(ActionEvent evt) {
        try
        {
            num1=Double.parseDouble(tNumero1.getText());
            num2=Double.parseDouble(tNumero2.getText());
            ris=num1+num2;
            tRisultato.setText(""+ris);
        }
        catch(Exception exc)

        {
            //completare... come esercizio
        }
    }
});

```



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bReset.addActionListener(new ActionListener() {
    @Override
    public void actionPerformed(ActionEvent evt) {
        // .....
    }
});

this.setDefaultCloseOperation(EXIT_ON_CLOSE); // for the "window-close"
button
    this.setResizable(false);
    setTitle("Semplice calcolatrice");
    setSize(300, 170);
    setVisible(true);
}

public static void main(String[] args) {
    new CalcolatriceX();
}
}

```