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//Exercice pris du livre de R. Chevallier, Java 5
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;

class Fenetre extends JFrame implements ActionListener
{
private JComboBox cb1,cb2,cb3;
private JTextField r1,r2,r3,resultat;
private JButton calcul;

public Fenetre()
{setTitle("COMMANDE");
//setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
Container cf= this.getContentPane();
GridLayout g= new GridLayout(4,1);
cf.setLayout(g);//cf.setLayout(GridLayout(5,2));

JPanel p1=new JPanel();
p1.setLayout(new FlowLayout(FlowLayout.LEFT));
p1.add(new JLabel("article1 prix d'unite 20 Euros: nombre "));
cb1= new JComboBox();
cb1.addItem("00"); cb1.addItem("01");cb1.addItem("02");cb1.addItem("03");
p1.add(cb1);
p1.add(new JLabel("total ="));
r1=new JTextField("0",8);
p1.add(r1);
cf.add(p1);

JPanel p2=new JPanel();
p2.setLayout(new FlowLayout(FlowLayout.LEFT));
p2.add(new JLabel("article2 prix d'unite 30 Euros: nombre "));
cb2= new JComboBox();
cb2.addItem("00"); cb2.addItem("01");cb2.addItem("02");cb2.addItem("03");
cb2.addItem("04"); cb2.addItem("05");cb2.addItem("06");cb2.addItem("07");
p2.add(cb2);
p2.add(new JLabel("total ="));
r2=new JTextField("0",8);
p2.add(r2);
cf.add(p2);

JPanel p3=new JPanel();
p3.setLayout(new FlowLayout(FlowLayout.LEFT));
p3.add(new JLabel("article2 prix d'unite 50 Euros: nombre "));
cb3= new JComboBox();
cb3.addItem("00"); cb3.addItem("10");cb3.addItem("15");cb3.addItem("20");
p3.add(cb3);
p3.add(new JLabel("total ="));
r3=new JTextField("0",8);
p3.add(r3);
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cf.add(p3);

JPanel p4=new JPanel();
p4.setLayout(new FlowLayout(FlowLayout.RIGHT));
calcul=new JButton("CALCUL du TOTAL");
calcul.addActionListener(this);
p4.add(calcul);
p4.add(new JLabel("TOTAL:"));
resultat=new JTextField("0",10);
p4.add(resultat);
cf.add(p4);

}

public void actionPerformed (ActionEvent e)
{
int num1=Integer.parseInt((String)cb1.getSelectedItem());
int val1=num1*20;
r1.setText(Integer.toString(val1));

int num2=Integer.parseInt((String)cb2.getSelectedItem());
int val2=num2*30;
r2.setText(Integer.toString(val2));

int num3=Integer.parseInt((String)cb3.getSelectedItem());
int val3=num3*50;
r3.setText(Integer.toString(val3));

String r4=Integer.toString(val1+val2+val3);
resultat.setText(r4);
}
}

public class Exercice4
{ public static void main (String[] args)
  {
    Fenetre f1=new Fenetre();
    f1.pack();
    f1.setVisible(true);}
}
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