

Fundamentals of Programming II Lab 09

مشروع كشك جرائد

الرصيد إدخال الرصيد

☐ أخبار

☐ أهرام

☐ المصري اليوم

☐ الدستور

☐ التحرير

إجمالي تكلفة المبيعات

إجمالي المبيعات

إجمالي المكسب

أخبار: 99.0
 أهرام: 99.0
 المصري اليوم: 48.0
 الدستور: 48.0
 التحرير: 49.0
 إجمالي تكلفة المبيعات: 7.75
 إجمالي المبيعات: 9.5
 إجمالي المكسب: 1.75

```

public class NewsPaper {
    String name="";
    int balance;
    double netPrice;
    double sellPrice;
    NewsPaper()
    {
    
```

```

        name="";
        balance=0;
        netPrice=0;
        sellPrice=0;
    }
    void initNewsPaper(String name, int balance, double
netPrice,double sellPrice)
    {
        this.name=name;
        this.balance=balance;
        this.netPrice=netPrice;
        this.sellPrice=sellPrice;
    }
    int getBalance()
    {
        return balance;
    }
    double getNetPrice()
    {
        return netPrice;
    }
    double getSellPrice()
    {
        return sellPrice;
    }
    void sellNewsPaper(){
        balance--;
    }
}

```

```

public class NewsPapersBooth {
    double costInHand=0;
    double sellInHand=0;
    double profit=0;
    NewsPaper[] np=new NewsPaper[5];
    NewsPapersBooth()
    {

```

```

np[0]=new NewsPaper();
np[1]=new NewsPaper();
np[2]=new NewsPaper();
np[3]=new NewsPaper();
np[4]=new NewsPaper();
}
void setNewPaperData(int item,String name, int balance, double
netPrice,double sellPrice)
{
    np[item].initNewsPaper(name, balance, netPrice, sellPrice);
}
void sellNewsPeper(int item)
{
    np[item].sellNewsPaper();
    costInHand+=np[item].getNetPrice();
    sellInHand+=np[item].getSellPrice();
    profit=sellInHand-costInHand;
}
double getNewsPeperBalance(int item)
{
    return np[item].getBalance();
}
double getCostInHand()
{
    return costInHand;
}
double getSellInHand()
{
    return sellInHand;
}
double getProfit()
{
    return profit;
}

```

	}
إدخال الرصيد	<pre> npb.setNewPaperData(0, "", 100, 1.0, 1.25); npb.setNewPaperData(1, "", 100, 1.0, 1.25); npb.setNewPaperData(2, "", 50, 1.0, 1.25); npb.setNewPaperData(3, "", 50, 1.0, 1.25); npb.setNewPaperData(4, "", 50, 1.75, 2.00); jButton1.setEnabled(true); jButton2.setEnabled(true); update(); jButton3.setEnabled(false); </pre>
Form Attributes	NewsPapersBooth npb=new NewsPapersBooth();
Update ()	<pre> jSpinner1.setValue(npb.np[0].getBalance()); jSpinner2.setValue(npb.np[1].getBalance()); jSpinner3.setValue(npb.np[2].getBalance()); jSpinner4.setValue(npb.np[3].getBalance()); jSpinner5.setValue(npb.np[4].getBalance()); jTextField1.setText(Double.toString(npb.getCostInHand())); jTextField2.setText(Double.toString(npb.getSellInHand())); jTextField3.setText(Double.toString(npb.getProfit())); </pre>
بيع	<pre> if(jCheckBox1.isSelected()) npb.sellNewsPeper(0); if(jCheckBox2.isSelected()) npb.sellNewsPeper(1); if(jCheckBox3.isSelected()) npb.sellNewsPeper(2); if(jCheckBox4.isSelected()) npb.sellNewsPeper(3); if(jCheckBox5.isSelected()) npb.sellNewsPeper(4); update(); jCheckBox1.setSelected(false); jCheckBox2.setSelected(false); jCheckBox3.setSelected(false); jCheckBox4.setSelected(false); jCheckBox5.setSelected(false); </pre>
تقرير	<pre> jTextArea1.setText(""); jTextArea1.append(jLabel1.getText()+" : "+npb.getNewsPeperBalance(0)+"\n"); jTextArea1.append(jLabel2.getText()+" : "+npb.getNewsPeperBalance(1)+"\n"); </pre>

```

jTextArea1.append(jLabel3.getText()+" :
"+npb.getNewsPeperBalance(2)+"\n");
jTextArea1.append(jLabel4.getText()+" :
"+npb.getNewsPeperBalance(3)+"\n");
jTextArea1.append(jLabel5.getText()+" :
"+npb.getNewsPeperBalance(4)+"\n");
jTextArea1.append(jLabel8.getText()+" :
"+npb.getCostInHand()+"\n");
jTextArea1.append(jLabel9.getText()+" :
"+npb.getSellInHand()+"\n");
jTextArea1.append(jLabel10.getText()+" :
"+npb.getProfit()+"\n");

```