```java
package project3;

import java.io.Serializable;
import java.util.Calendar;
import java.util.GregorianCalendar;

public abstract class
Auto implements Serializable {

    private static final long serialVersionUID = 1L;
    protected GregorianCalendar boughtOn;
    protected GregorianCalendar soldOn;
    protected String autoName;
    protected String nameOfBuyer;
    protected double boughtCost;
    protected double soldPrice;
    protected String trim;

    public Auto() {
    }

    public Auto(GregorianCalendar boughtOn, String name, String nameOfBuyer) {
        this.boughtOn = boughtOn;
        this.autoName = name;
        this.nameOfBuyer = nameOfBuyer;
    }

    public static long getSerialVersionUID() {
        return serialVersionUID;
    }

    public GregorianCalendar getBoughtOn() {
        return boughtOn;
    }

    public void setBoughtOn(GregorianCalendar boughtOn) {
        this.boughtOn = boughtOn;
    }

    public GregorianCalendar getSoldOn() {
        return soldOn;
    }

    public void setSoldOn(GregorianCalendar soldOn) {
        this.soldOn = soldOn;
    }

    public double getSoldPrice() {
        return soldPrice;
    }

    public void setSoldPrice(double soldPrice) {
        this.soldPrice = soldPrice;
    }

    public String getAutoName() {
```

```
 57         return autoName;
 58     }
 59
 60     public void setAutoName(String autoName) {
 61         this.autoName = autoName;
 62     }
 63
 64     public String getNameOfBuyer() {
 65         return nameOfBuyer;
 66     }
 67
 68     public void setNameOfBuyer(String nameOfBuyer) {
 69         this.nameOfBuyer = nameOfBuyer;
 70     }
 71
 72     public double getBoughtCost() {
 73         return boughtCost;
 74     }
 75
 76     public void setBoughtCost(double boughtCost) {
 77         this.boughtCost = boughtCost;
 78     }
 79
 80     public String getTrim() {
 81         return trim;
 82     }
 83
 84     public void setTrim(String trim) {
 85         this.trim = trim;
 86     }
 87
 88     public int getDaysOverdue(){
 89         int count = 0;
 90         Calendar startDate = GregorianCalendar.getInstance();
 91
 92         while (startDate.after(this.boughtOn)){
 93             count++;
 94             startDate.add(Calendar.DAY_OF_MONTH, -1);
 95         }
 96
 97         return count;
 98     }
 99
100     public abstract double getSoldBoughtDifference();
101 }
102
```