

```

1  package Assignment_7;
2
3  import BasicIO.*;
4  import java.text.DecimalFormat;
5
6  // Shane Thomas
7  //5901368
8
9  public class Item{
10
11     private String actNum; //Account Number
12     private String name; //Name
13     private double pv; //Previous
14
15     public Item(ASCIIDataFile from)
16     {
17         actNum = from.readString();
18         if(!from.isEOF())
19         {
20             name = from.readString();
21             pv = from.readDouble();
22         }
23     }
24
25     public String getAccountNum()
26     {
27         return actNum;
28     }
29     public String getName()
30     {
31         return name;
32     }
33     public double getPrevious()
34     {
35         return pv;
36     }
37     public double charge(double num)
38     {
39         pv = Math.round((num - pv)*(1.525)*100)/100.0; // This makes the number round to two
decimal places
40         return pv;
41     }
42     public void write(ASCIIOutputFile to)
43     {
44         to.writeString(actNum);
45         to.writeString(name);
46         to.writeDouble(pv);
47         to.newLine();
48     }
49 }

```