

Taxee.java

```
1 package datamanagment;
2
3 import java.io.File;
4
5
6
7
8 public class Taxee {
9
10     private String name;
11     private String tin;
12     private String maritalStatus;
13     private float income;
14     private ArrayList<Receipt> receipts;
15     private File location;
16     private FileFormat fileFormat;
17
18     public Taxee(String name, String tin, String maritalStatus, float income) {
19         this.name = name;
20         this.tin = tin;
21         this.maritalStatus = maritalStatus;
22         this.income = income;
23         receipts = new ArrayList<Receipt>();
24     }
25
26     public void addReceipt(Receipt receipt) {
27         receipts.add(receipt);
28     }
29
30     public void deleteReceipt(Receipt receipt) {
31         receipts.remove(receipt);
32     }
33
34     public ArrayList<Receipt> getReceipts() {
35         return receipts;
36     }
37
38     public String getName() {
39         return this.name;
40     }
41
42     public String getTin() {
43         return tin;
44     }
45
46     public String getMaritalStatus() {
47         return maritalStatus;
48     }
49
50     public float getIncome() {
51         return income;
52     }
53
54     @Override
55     public String toString() {
56         return this.name;
57     }
58
59     public void setLocation(File location) {
60         this.location = location;
61     }
62 }
```

Taxee.java

```

63     public File getLocation() {
64         return location;
65     }
66
67     public FileFormat getFileFormat() {
68         return fileFormat;
69     }
70
71     public void setFileFormat(FileFormat fileFormat) {
72         this.fileFormat = fileFormat;
73     }
74
75     public int getAmountOfReceipts() {
76         return receipts.size();
77     }
78
79     public int getAmountOfReceiptsByCategory(String category) {
80         int sum = 0;
81         for (Receipt receipt : receipts) {
82             if (receipt.getKind().equals(category)) {
83                 sum += receipt.getAmount();
84             }
85         }
86         return sum;
87     }
88
89     public float getReceiptsValue() {
90         int sum = 0;
91         for (Receipt receipt : receipts) {
92             sum += receipt.getAmount();
93         }
94         return sum;
95     }
96
97     public float getBasicTax() {
98         return
99         TaxCalculator.getTaxCalculator(getMaritalStatus()).calculateTax(getIncome());
100     }
101
102     public float getTaxIncrease() {
103         return
104         TaxCalculator.getTaxCalculator(getMaritalStatus()).calculateTaxIncrease(getIncome(),
105         getBasicTax(),
106         getReceiptsValue());
107     }
108
109     public float getTotalTax() {
110         return getBasicTax() + getTaxIncrease();
111     }
112 }

```