

## Tax.java

```
1 package game.fields;
2
3 import game.Player;
4
5
6 public class Tax extends Field
7 {
8
9     private int taxAmount;
10    private int taxRate;
11
12    public Tax(String title, int taxAmount, int taxRate)
13    {
14        super(title);
15        this.taxAmount = taxAmount;
16        this.taxRate = taxRate;
17    }
18    //Overload
19    public Tax(String title, int taxAmount)
20    {
21        super(title);
22        this.taxRate = -1;
23        this.taxAmount = taxAmount;
24    }
25    @Override
26    public String[] decoratorMessage(Player player){
27        return StringTools.add(super.decoratorMessage(player),
28    taxDescription());
29    }
30
31    private String[] taxDescription() {
32        if (taxRate < 0){
33            return new String[]{"YouMustPayTax", ": ", String.valueOf(taxAmount)};
34        } else {
35            return new String[]{"YouMustPayTax", ": ",
36    String.valueOf(taxAmount), " ", "or", " ", String.valueOf(taxRate), "%"};
37        }
38    }
39    @Override
40    public String toString()
41    {
42        return "Tax [taxAmount=" + taxAmount + ", taxRate=" + taxRate
43    + ", title=" + title + "];"
44    }
45
46    public int getTaxrate() {
47        return taxRate;
48    }
49
```

## Tax.java

```
50     public int getTaxAmount() {
51         return taxAmount;
52     }
53
54     public void setTaxAmount(int taxAmount) {
55         this.taxAmount = taxAmount;
56     }
57
58     public int getTaxRate() {
59         return taxRate;
60     }
61
62     public void setTaxRate(int taxRate) {
63         this.taxRate = taxRate;
64     }
65
66 }
67
```