

```
1 /**
2  @author GR Drevin
3  @version 20240403
4  */
5  public class Savings extends Account
6  {
7      private int minimumBalance;
8
9      public int calculateInterest(int rate)
10     {
11         int interest = 0;
12         if (getBalance() >= getMinimumBalance())
13             interest = getBalance() * rate / 100;
14         return interest;
15     }
16
17     public Savings()
18     {
19         this("0000000000",0,0);
20     }
21
22     public Savings(String accountNumber, int balance, int minimumBalance)
23     {
24         super(accountNumber, balance);
25         setMinimumBalance(minimumBalance);
26     }
27
28     public void setMinimumBalance(int minimumBalance)
29     {
30         this.minimumBalance = minimumBalance;
31     }
32
33     public int getMinimumBalance()
34     {
35         return minimumBalance;
36     }
37
38     public String toString()
39     {
40         return super.toString()+" and minimum balance "+getMinimumBalance();
41     }
42 }
43
44
45
46
47
48
49
50
51
52
```