

```
1 package Exercise6;
2
3 public class SavingsAccount extends BankAccount {
4     public double interestRate;
5
6     public SavingsAccount(int balance, double interestRate) {
7         super(balance);
8         this.interestRate = interestRate;
9     }
10
11     public void updateBalance(int period) {
12         balance = (int) ((balance * interestRate * period) + balance);
13     }
14 }
15
```