```
pkg
                                                           Account
                         - owner : String
                         - accNumber : String
                         - balance : double
                        - decrease(amount : double) : boolean
                         - increase(amount : double) : void
                         + withdraw(amount : double) : boolean
                         + deposit(amount : double) : void
                         + getBalance() : double
                         + Account(owner : String, accNumber : String) : void
                         + Account(owner: String, accNumber: String, initialBalance: double): void
                                                       SavingAccount
      - annualInterestRate : double
      + monthlyInterest(): double
      + withdraw(amount : double) : boolean
      + SavingAccount(owner: String, accNumber: String, annualInterestRate: double): void
      + SavingAccount(owner: String, accNumber: String, initialBalance: double, annualInterestRate: double): void
```

```
public class Account {
    private String owner;
   private String accNumber;
   private double balance;
   private boolean decrease(double amount) {
        if (this.balance - amount < 50000) {
            return false;
        }
        else {
            this.balance -= amount;
            return true;
        }
   }
   private void increase(double amount) {
        this.balance += amount;
   public boolean withdraw(double amount) {
        boolean result = this.decrease(amount);
        if (result) {
            System.out.println("Successful");
        }
        else {
            System.out.println("Unsuccessful");
```

```
return result;
    }
    public void deposit(double amount) {
        this.increase(amount);
    public Account(String owner, String accNumber) {
        this.owner = owner;
        this.accNumber = accNumber;
    }
    public Account(String owner, String accNumber, double initialBalance) {
        this(owner, accNumber);
        this.balance = initialBalance;
    }
    public double getBalance() {
         return this balance;
    }
}
public class SavingAccount extends Account {
  private double annualInterestRate;
  public double monthlyInterest() {
    return this.annualInterestRate * this.getBalance() / 12.0;
  }
  public SavingAccount(String owner, String accNumber, double annualInterestRate) {
    super(owner, accNumber);
    this.annualInterestRate = annualInterestRate;
  }
  public SavingAccount(String owner, String accNumber, double initialBalance, double annualInterestRate) {
    super(owner, accNumber, initialBalance);
    this.annualInterestRate = annualInterestRate;
  }
  public boolean withdraw(double amount) {
    System.out.println("Unsuccessful");
    return false:
  }
}
```