```
/** testing class for Account */
public class TestAccount {
    /** main controlling method */
    public static void main (String[] args) throws Exception {
        java.util.Scanner input = new java.util.Scanner(System.in);
        // set static annual interest rate
        Account.setAnnualInterestRate(4.5);
        // create account
        Account acc1 = getAccountInfo(input);
        System.out.println(getAccountHeader(acc1));
        // process withdrawal
        System.out.print("\nHow much would you like to withdraw? ");
        double w_amt = input.nextDouble();
        String header = getAccountHeader(acc1);
        accl.withdraw(w_amt);
        String acctStatus = String.format("%s\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^2,15.2f\n^2-20s^
              header.
               "Withdraw:", w_amt,
               "Current Balance: ", accl.getBalance());
        System.out.println(acctStatus);
        // process deposit
        System.out.print("\nHow much would you like to deposit? ");
        double d_amt = input.nextDouble();
        header = getAccountHeader(acc1);
        accl.deposit(d_amt);
        acctStatus = String.format("%s\n%-20s%,15.2f\n%-20s%,15.2f",
              header,
               "Deposit:", d_amt,
               "Current Balance: ", accl.getBalance());
        System.out.println(acctStatus);
        // close the stream
        input.close();
    /** method to create and return new account object */
    public static Account getAccountInfo(java.util.Scanner input) {
           // account setup
          System.out.print("Enter the account holder first name: ");
          String fname = input.next();
          System.out.print("Enter the account holder last name: ");
          String lname = input.next();
          System.out.print("Enter the beginning balance: ");
          double begBal = input.nextDouble();
          Account acc = new Account(1122, begBal);
          acc.setName(fname + " " + lname);
          return acc;
```

TestAccount.java