

File Edit View Terminal Tabs Help



```
jason@jason-desktop: HW8$ ./bankaccount.out  
Homework 8 - Inheritance
```

```
Testing the Bank Account class (BEFORE):
```

```
Account Name: Jason
```

```
Account Balance: 1000.22
```

```
Bank Account testing (added $5)
```

```
Account Name: Jason
```

```
Account Balance: 1005.22
```

```
Non-zero number, transaction failed.
```

```
Bank Account testing (added -$5, can't do)
```

```
Account Name: Jason
```

```
Account Balance: 1005.22
```

```
Transaction complete.
```

```
Bank Account testing (removed $15)
```

```
Account Name: Jason
```

```
Account Balance: 990.22
```

```
Insufficient funds.
```

```
Bank Account testing (removed $5000, too much)
```

```
Account Name: Jason
```

```
Account Balance: 990.22
```

```
Testing the Money Market Account (BEFORE):
```

```
Account Name: John
```

```
Account Balance: 5
```

```
Withdraws: 0
```

```
Money Market Account testing (added $15)
```

```
Account Name: John
```

```
Account Balance: 20
```

```
Withdraws: 0
```

```
Non-zero number, transaction failed.
```

```
Money Market Account testing (added -$5, can't do)
```

```
Account Name: John
```

```
Account Balance: 20
```

```
Withdraws: 0
```

```
Transaction complete.
```

```
Money Market Account testing (removed $15)
```

```
Account Name: John
```

```
Account Balance: 5
```

```
Withdraws: 1
```

```
Insufficient funds.
```

```
Money Market Account testing (removed $5000, too much)
```

```
Account Name: John
```

```
Account Balance: 5
```

```
Withdraws: 1
```

```
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Withdraws: 0
Non-zero number, transaction failed.
Money Market Account testing (added -$5, can't do)
Account Name: John
Account Balance: 20
Withdraws: 0
Transaction complete.
Money Market Account testing (removed $15)
Account Name: John
Account Balance: 5
Withdraws: 1
Insufficient funds.
Money Market Account testing (removed $5000, too much)
Account Name: John
Account Balance: 5
Withdraws: 1
Testing the CD Account (BEFORE):
Account Name: FUN
Account Balance: 50000
Interest rate: 0.1
Money Market Account testing (added $5)
Account Name: FUN
Account Balance: 50005
Interest rate: 0.1
Non-zero number, transaction failed.
Money Market Account testing (added -$5, can't do)
Account Name: FUN
Account Balance: 50005
Interest rate: 0.1
Transaction complete.
Money Market Account testing (removed $15)
Account Name: FUN
Account Balance: 37488.8
Interest rate: 0.1
Insufficient funds.
Money Market Account testing (removed $50000, too much)
Account Name: FUN
Account Balance: 37488.8
Interest rate: 0.1
Testing the transfer function:
BEFORE: (test)
Account Name: Jason
Account Balance: 990.22
BEFORE: (JAccount)
Account Name: John
Account Balance: 5
Withdraws: 1
```

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```
Testing the transfer function:
BEFORE: (test)
Account Name: Jason
Account Balance: 990.22

BEFORE: (JAccount)
Account Name: John
Account Balance: 5
Withdraws: 1

Transaction complete.

AFTER: (test)
Account Name: Jason
Account Balance: 890.22

AFTER: (JAccount)
Account Name: John
Account Balance: 105
Withdraws: 1

BEFORE: (JAccount)
Account Name: John
Account Balance: 105
Withdraws: 1

BEFORE: (Fun)
Account Name: FUN
Account Balance: 37488.8
Interest rate: 0.1

Insufficient funds.

Withdrawing failed, so transfer failed as well.

AFTER: (JAccount)
Account Name: John
Account Balance: 105
Withdraws: 1

AFTER: (Fun)
Account Name: FUN
Account Balance: 37488.8
Interest rate: 0.1

BEFORE: (Fun)
Account Name: FUN
Account Balance: 37488.8
Interest rate: 0.1

BEFORE: (test)
Account Name: Jason
Account Balance: 890.22

Transaction complete.

AFTER: (Fun)
Account Name: FUN
Account Balance: 37388.8
Interest rate: 0.1

AFTER: (test)
Account Name: Jason
Account Balance: 990.22
jason@jason-desktop: HW8$
```