

Scenario 1

Customer with checking and savings account, 1 deposit and 1 withdrawal in checking and 1 deposit in savings account

Banking Main Screen

1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit

Enter Your Menu Choice:

1

Enter the following Customer Information:

Name: Taylor Swift

Address: 123 Main Street

City: Nashville

State: TN

Zip: 12345

81885793 has been created.

Add Customer

Enter Your Menu Choice:

2

Enter S for Savings or C for Checkings : S

Initial Deposit: 50000

Interest Rate: 2.5

Setup and Add Savings Account

Enter Your Menu Choice:

2

Savings Account has been setup. Setting up Checking Account.

Initial Deposit: 10000

Interest Rate: 2

Minimum Balance: 400

Overdraft Amount: 1000

Set up and Add checking account

Enter Your Menu Choice:

3

Enter S for Savings or C for Checkings : C

Deposit Amount: 6023

Deposit of \$6,023.00. The current balance is \$16,023.00

Deposit into checking account

Enter Your Menu Choice:

3

Enter S for Savings or C for Checkings : S

Deposit Amount: 102302

Deposited \$102,302.00. The current balance is \$152,302.00

Deposit into Savings account

Enter Your Menu Choice:

4

Enter S for Savings or C for Checkings : C

Withdraw Amount: 4500

\$4,500.00 withdrawn. The current balance is \$11,523.00

Withdraw from checking

Enter Your Menu Choice:

5

Taylor Swift

123 Main Street

Nashville TN 12345

Checking Account (Account Number: 690406299)

Initial deposit \$10,000.00

Deposit of \$6,023.00. The current balance is \$16,023.00

Withdrawal of \$4,500.00. The current balance is \$11,523.00

Savings Account (Account Number: 30237540)

Initial deposit \$50,000.00

Deposit of \$102,302.00. The current balance is \$152,302.00

Print Transactions

Enter Your Menu Choice:

6

Exiting Program...

Exit Program

Scenario 2

Customer with Checking Account. No Savings Account. 3 Deposit and 1 withdrawal.

Banking Main Screen

1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit

Main Menu

Enter Your Menu Choice:

1

Add Customer

Enter the following Customer Information:

Name: John Smith

Address: 123 Main Street

City: Boston

State: MA

Zip: 01234

20966925 has been created.

Enter Your Menu Choice:

2

Setup and Add Savings Account

Enter S for Savings or C for Checkings : S

Initial Deposit: 5000

Interest Rate: 2.2

Enter Your Menu Choice:

3

Deposit into Savings

Enter Amount deposited into Savings: 100

Deposited \$100.00. The current balance is \$5,100.00

Enter Your Menu Choice:

4

Withdraw from savings

Enter Amount to be withdrawn from Savings: 1000

\$1,000.00 withdrawn. The current balance is \$4,100.00

Enter Your Menu Choice:

3

Deposit into Savings

Enter Amount deposited into Savings: 200

Deposited \$200.00. The current balance is \$4,300.00

Enter Your Menu Choice:

3

Deposit into Savings

Enter Amount deposited into Savings: 400

Deposited \$400.00. The current balance is \$4,700.00

Enter Your Menu Choice:

5

Print Transactions

John Smith

123 Main Street

Boston MA 01234

Savings Account (Account Number: 58893035)

Initial deposit \$5,000.00

Deposit of \$100.00. The current balance is \$5,100.00

Withdrawal of \$1,000.00. The current balance is \$4,100.00

Deposit of \$200.00. The current balance is \$4,300.00

Deposit of \$400.00. The current balance is \$4,700.00

Enter Your Menu Choice:

6

Exiting Program...

Error Conditions

Scenario 3

User error -selection of option before things are set up.

```
Banking Main Screen
1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit

Enter Your Menu Choice:
2
Customer has not been setup. Please Setup customer first.
```

```
Banking Main Screen
1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit

Enter Your Menu Choice:
3
Customer has not been setup. Please Setup customer first.
```

Deposit without
setting up customer

```
Enter Your Menu Choice:
```

```
Banking Main Screen
1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit

Enter Your Menu Choice:
4
Customer has not been setup. Please Setup customer first.

Enter Your Menu Choice:
```

Withdrawing without
setting up customer

```
Banking Main Screen
1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit
```

Customer has been set up but neither checking or savings account has been added to customer.

```
Banking Main Screen
1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit

Enter Your Menu Choice:
1
Enter the following Customer Information:
Name:john
Address:123 main st
City:boston
State:ma
Zip:12322
90628266 has been created.

Enter Your Menu Choice:
3
Both Savings and Checking Accounts have not been setup. Please select a different menu option.
```

```
Banking Main Screen
1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit

Enter Your Menu Choice:
1
Enter the following Customer Information:
Name:John
Address:123 Main st
City:Boston
State:Ma
Zip:12322
28529407 has been created.

Enter Your Menu Choice:
4
Both Savings and Checking Accounts have not been setup. Please select a different menu option.
```

Scenario 4 - Savings account - Withdrawing more than account balance. This will cause an error

Banking Main Screen

1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit

Enter Your Menu Choice:

1

Enter the following Customer Information:

Name: John

Address: 123 Main Street

City: Boston

State: MA

Zip: 012322

82911109 has been created.

Enter Your Menu Choice:

2

Enter S for Savings or C for Checkings : S

Initial Deposit: 4000

Interest Rate: 2.2

Enter Your Menu Choice:

4

Enter Amount to be withdrawn from Savings: 5000

Txn cancelled as \$5000.0 will cause balance to go below \$0.0

Scenario 5 - Checking Account - Withdrawing more than minimum balance will cause an error.

Banking Main Screen

1. Add Customer
2. Add Checking or Savings Account
3. Deposit
4. Withdraw
5. Print Customer Transaction
6. Quit

Enter Your Menu Choice:

1

Enter the following Customer Information:

Name: John

Address: 123 main street

City: Boston

State: MA

Zip: 01232

27505474 has been created.

Enter Your Menu Choice:

2

Enter S for Savings or C for Checkings : c

Initial Deposit: 1000

Interest Rate: 2.2

Minimum Balance 400

Overdraft Amount 100

Enter Your Menu Choice:

4

Enter Amount to be withdrawn from Checking: 700

Txn cancelled as \$700.00 will cause balance to go below \$400.00

Minimum Balance needs to be \$400 in the account. Account has \$1000. User wants to withdraw \$700. This will cause the balance to go to \$300 that will be below the minimum balance of \$400. Hence the error message.