

Programming Assignment #7 – ISM 3230 Summer 2017

SAMPLE PROGRAM OUTPUT

Because there are several different things your program might do depending upon what the user enters, please refer to the examples below to use to test your program. Run your final program one time for each scenario to make sure that you get the expected output.

Be sure to format the output of your program so that it follows what is included in the examples. Remember, in all examples **bold** items are entered by the user when the program runs (and therefore can change each time the program runs).

Scenario 1: User creates a new empty bank account and manipulates the new account

```
ACCOUNT PROCESSING MENU
1. Create new account - empty account
2. Create new account - information available
3. Make deposit
4. Make withdrawal
5. Calculate monthly interest
6. View account balance
7. Next available account number
8. Update monthly interest rate
9. Print account information
10. Exit
```

```
Please enter your preferred option: 1
Account #12345 successfully created.
```

```
Please enter your preferred option: 9
Account number: 12345
Account balance: $0.0
Monthly interest: $0.0
```

```
Please enter your preferred option: 3
Please enter the deposit amount: 1000
```

```
Please enter your preferred option: 6
Account balance: $1000.0
```

```
Please enter your preferred option: 4
Please enter the withdrawal amount: 1001
Insufficient funds. Withdrawal not made.
```

```
Please enter your preferred option: 4
Please enter the withdrawal amount: 250
Withdrawal successful
```

```
Please enter your preferred option: 8
What is the new monthly interest rate? 0.025
```

```
Please enter your preferred option: 5
Monthly interest earned: $18.75
```

```
Please enter your preferred option: 9
Account number: 12345
```

Account balance: \$750.0
Monthly interest: \$18.75

Please enter your preferred option: **7**
Next available account number: 12346

Please enter your preferred option: **10**
Exiting program.

Scenario 2: User creates a bank account with known information and manipulates the new account

ACCOUNT PROCESSING MENU
1. Create new account - empty account
2. Create new account - information available
3. Make deposit
4. Make withdrawal
5. Calculate monthly interest
6. View account balance
7. Next available account number
8. Update monthly interest rate
9. Print account information
10. Exit

Please enter your preferred option: **2**
Please enter the starting balance: **750**
Please enter the monthly interest rate: **0.01**
Account #12345 successfully created.

Please enter your preferred option: **7**
Next available account number: 12346

Please enter your preferred option: **9**
Account number: 12345
Account balance: \$750.0
Monthly interest: \$7.5

Please enter your preferred option: **3**
Please enter the deposit amount: **500**

Please enter your preferred option: **9**
Account number: 12345
Account balance: \$1250.0
Monthly interest: \$12.5

Please enter your preferred option: **10**
Exiting program.