Pineda, Vincent Ken A.

BSCS-C204

Problem 1:

```
def multiplication_table(rows, cols):
    print("\nMultiplication Table\n")
    for i in range(1, rows + 1):
        for j in range(1, cols + 1):
            print(i * j, end="\t")
        print()

def main():
    rows = int(input("How many rows: "))
    cols = int(input("How many cols: "))
    multiplication_table(rows, cols)

if main == main:
    main()
```

Output:

```
How many rows: 10
How many cols: 10
Multiplication Table
                              10
         8
             10
               12 14 16 18
                              20
         12 15
                18 21 24 27
                              30
   8 12 16 20
                24 28 32 36 40
   10 15
         20 25
                30 35 40 45 50
   12 18
         24 30 36 42 48 54 60
   14 21
         28 35 42 49 56 63 70
8
   16 24 32 40 48 56 64 72 80
9
   18 27
         36 45
                54 63 72 81
                              90
10 20 30 40 50 60 70 80 90 100
```

Problem 2:

```
def show_balance(balance):
    print("***************")
    print(f"Your balance is ${balance:.2f}")
    print("**********")
```

```
def deposit(balance):
def withdraw(balance):
```

Output:

```
ABCCDE ATM
******
1. Show Balance
2. Deposit
3. Withdraw
4. Exit
******
Enter your choice (1-4): 2
Enter an amount to be deposited: 1500
ABCCDE ATM
*******
1. Show Balance
Deposit
3. Withdraw
4. Exit
******
Enter your choice (1-4): 1
******
Your balance is $1500.00
******
ABCCDE ATM
******
1. Show Balance
Deposit
3. Withdraw
4. Exit
******
Enter your choice (1-4): 🏅
Enter amount to be withdrawn: 1900
ABCCDE ATM
*******
1. Show Balance
2. Deposit
3. Withdraw
4. Exit
*******
Enter your choice (1-4):
```