Coronel, Yshian M. 09/06/25

C204

Problem 1

Source Code:

```
rows = int(input("How many rows: "))
cols = int(input("How many cols: "))
print("Multiplication Table\n")

for r in range(1, rows + 1):
    for c in range(1, cols + 1):
        print(r * c, end="\t")
    print()
```

Sample Output:

```
How many rows: 4
How many cols: 4
Multiplication Table

1 2 3 4
2 4 6 8
3 6 9 12
4 8 12 16
```

```
How many rows: 9
How many cols: 9
Multiplication Table
          4
          8
             10 12
                   14 16
                          18
          12 15 18 21 24
                          27
   8
      12 16 20
                24 28
                       32 36
   10 15
          20 25 30 35 40 45
   12 18 24 30 36 42 48 54
   14 21
          28 35
                 42 49
8
   16 24 32 40 48 56 64 72
   18 27 36 45
                54 63 72 81
```

Problem 2

Source Code:

```
def show menu():
def deposit():
       show balance()
```

Sample Output:

```
Shanshan ATM

***********

1. Show Balance

2. Deposit

3. Withdraw

4. Exit

*****************

enter your choice (1-4):
```

```
enter your choice (1-4): 1
********
your balance is ₱0.00
```

```
enter your choice (1-4): 2
enter an amount to be deposited: 2400
***************************
your balance is ₱2400.00
```

```
enter your choice (1-4): 3
enter an amount to be withdrawn: 2300
*************************
your balance is ₱100.00
```

```
enter your choice (1-4): 4
thank you for using Shanshan ATM!
```