Name: Mark Angelo Serrano
Section: C203

7OOP1

Midterm Lab Task 2.
Using Loops and Selection statements

Problem 1.

Create a countdown timer, where the user is prompted to enter time in seconds and will countdown to zero (set timer delay to 1) using timer.sleep(time_lapse). The program should prompt the user to test the timer if the answer is 'y' it will ask the user to enter time in second. If the answer is 'n' it will terminate the timer. Your response to y or n should be case insensitive.

```
import time
ans = 'y'
while ans == 'y':
    print("orasan")
    oras = int(input("kabit mo oras in sikands\n:"))
    for t in range(oras, 0, -1):
        seconds = t % 60
        minutes = t % 3600//60
        hours = t // 3600
        print(f"{hours:02}:{minutes:02}:{seconds:02}:")
        time.sleep(1)
    print("ORAS NA!")
    ans = input("gusto mo pa? y/n\n:")
    if ans == 'n':
        ans = 'a'
print("sir, tapos na po")
```

```
C:\Users\COMLAB\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:\Users\COMLAB\PycharmProjects\pythonProject1\main.py
orasan
kabit mo oras in sikands
:5
00:00:05:
00:00:04:
00:00:03:
00:00:02:
00:00:01:
ORAS NA!
gusto mo pa? y/n
:y
orasan
kabit mo oras in sikands
:2
00:00:02:
00:00:01:
ORAS NA!
gusto mo pa? y/n
:n
sir, tapos na po
```

Name: Mark Angelo Serrano
Section: C203

7OOP1

Problem 2.

Create an n x n Multiplication table using **Nested FOR Loop.** The user must enter the number of rows and columns that will be displayed in the Table.

```
row = int(input("Row: "))
column = int(input("Column: "))

for i in range(1, row+1):
    for j in range(1, column+1):
        prod = i * j
        print(f"{prod}\t", end='')
    print()
    print()
```

```
Row: 3
Column: 6
1   2   3   4   5   6

2   4   6   8   10  12

3   6   9   12  15  18
```