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.

SOURCE CODE:

```
Try again?y
Enter the time in seconds: 11
00:00:11
00:00:10
00:00:09
00:00:08
00:00:07
00:00:06
00:00:05
00:00:04
00:00:03
00:00:02
00:00:01
TIMES UP!!!!
```

```
C:\Users\COMLAB\PycharmProjects\It
Start the timer[y/n]: y
Enter the time in seconds: 10
00:00:10
00:00:09
00:00:08
00:00:07
00:00:06
00:00:05
00:00:04
00:00:03
00:00:02
00:00:01
TIMES UP!!!!
Try again?y
```

```
Try again?n
Bye!!! Thanks for using the program
```

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.
SOURCE CODE:

Sample output 1.

```
Enter number of rows:10
Enter number of cols:10
     1    2    3    4    5    6    7    8    9   10

     2    4    6    8   10   12   14   16   18   20

     3    6    9   12   15   18   21   24   27   30

     4    8   12   16   20   24   28   32   36   40

     5   10   15   20   25   30   35   40   45   50

     6   12   18   24   30   36   42   48   54   60

     7   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
```

Sample output 2.

```
Enter number of rows:3
Enter number of cols:5
     1    2    3    4    5

     2    4    6    8   10

     3    6    9   12   15
```