**Name:** Alexander Masucci

**Date Created:** 8/31/25

**Program Description:**

This program simulates ticket pre-sale, where a customer can buy a certain amount of tickets and see the remaining number after their purchase.

**Functions used in the Program (list in order as they are called)**

1. **Function Name:** main

**Description:** sets up a loop while tickets is greater than 0 that calls tic\_input and displays remaining total tickets.

**Parameters:** none

**Variables:** tickets (total number of tickets)

**Logical Steps:**

1. Set tickets variable
2. Create loop that loops while ticket total is greater than 0
3. Print current ticket total to user
4. Call tic\_input function to get new ticket value
5. Loop repeats step 3 and 4 until ticket total reaches 0

**Returns:** none

2. **Function Name:** tic\_input

**Description:** This function accepts an input from the user and subtracts it from the total number of tickets.

**Parameters:** tickets (total number of tickets)

**Variables:** ticket\_buy (user input number of tickets to be bought)

tickets (total number of tickets)

**Logical Steps:**

1. Get input from user
2. Check if input is valid and within range
3. Subtract input from total
4. Return total tickets

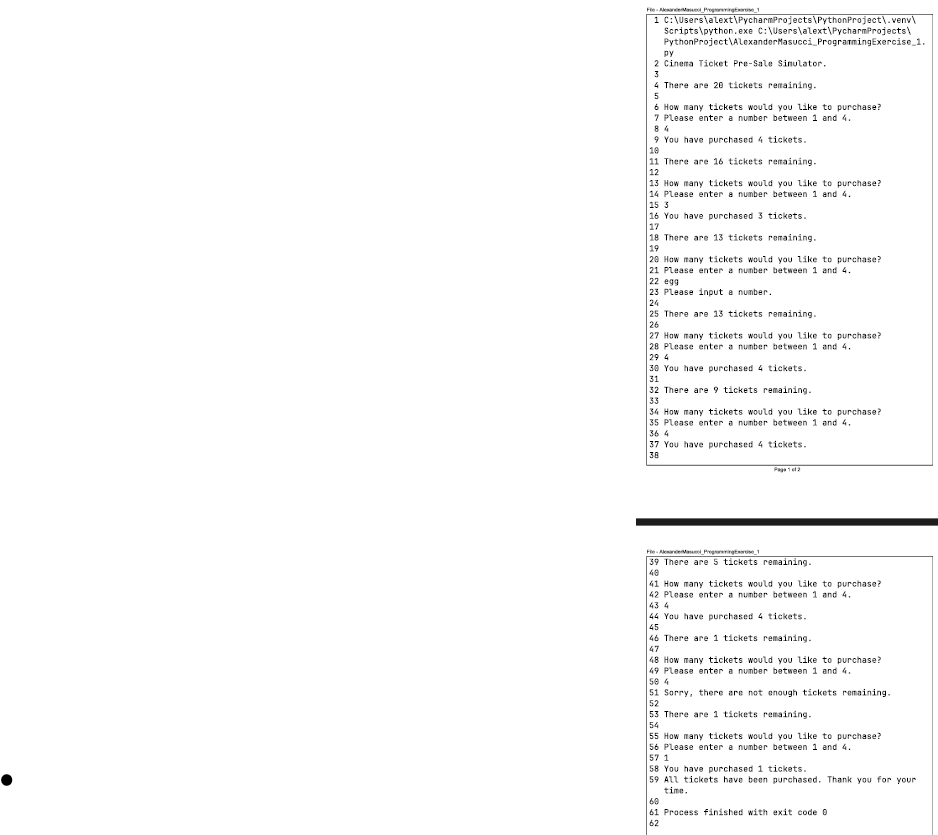
**Returns:** tickets (total number of tickets)

**Logical Steps:**

1. Call main function

**Link to your repository:** <https://github.com/AlexanderMasucci/COP2373/blob/master/AlexanderMasucci_ProgrammingExercise_1.py>

**Output Screenshot: (make sure big enough so I can see)**

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