

A screenshot of a Windows Notepad window titled "movie_tickets.py". The code calculates the total cost of movie tickets based on age. It asks for the number of tickets and then loops through each ticket holder's age to calculate the total cost.

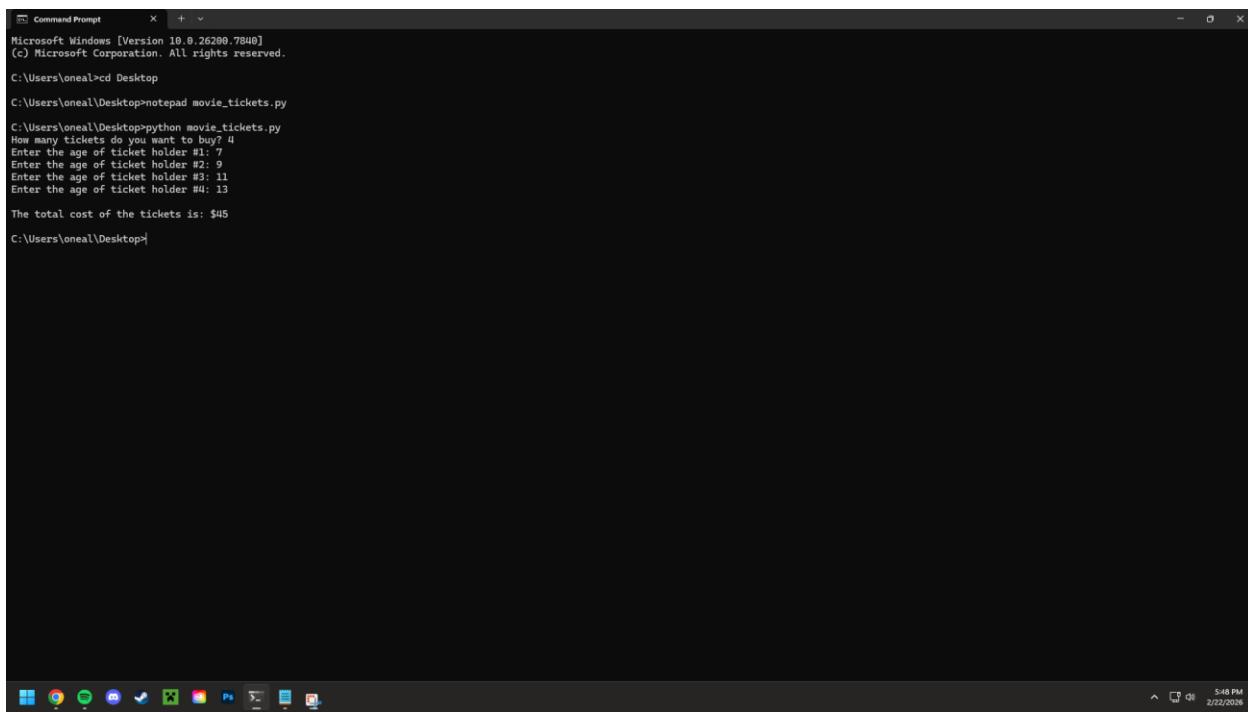
```
# 7.5. Movie Tickets
# This program calculates the total cost of movie tickets based on age.

total_cost = 0

# Ask how many tickets
num_tickets = int(input("How many tickets do you want to buy? "))

# Loop through each ticket holder
for i in range(num_tickets):
    age = int(input("Enter the age of ticket holder #{i+1}: "))
    if age < 3:
        ticket_price = 0
    elif 3 <= age <= 12:
        ticket_price = 10
    else:
        ticket_price = 15
    total_cost += ticket_price

print(f"\nThe total cost of the tickets is: ${total_cost}")
```



A screenshot of a Windows Command Prompt window. The user runs "notepad movie_tickets.py" and then "python movie_tickets.py". They are prompted for the number of tickets (4) and the ages of four ticket holders (7, 9, 11, 13). The output shows the total cost is \$45.

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Microsoft Windows [Version 10.0.26200.7840]
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C:\Users\oneal>cd Desktop

C:\Users\oneal\Desktop>notepad movie_tickets.py
C:\Users\oneal\Desktop>python movie_tickets.py
How many tickets do you want to buy? 4
Enter the age of ticket holder #1: 7
Enter the age of ticket holder #2: 9
Enter the age of ticket holder #3: 11
Enter the age of ticket holder #4: 13

The total cost of the tickets is: $45
C:\Users\oneal\Desktop>
```