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Program Description:  
Asks the user to buy tickets. The program checks to see if the number of tickets exceeds the max allowed sold tickets of 4, if so it checks if the requested number of tickets exceeds the maximum number of presales of 20, and if so, it thanks the user for their purchase and updates the number of tickets sold before repeating itself until the maximum number of ticket sales is reached.

Functions used in the Program (listed in order as they are called):  
1. Function Name: ticket\_booth  
Description: Asks the user how many tickets they want to buy, takes user input  
Parameters: none  
Variables: ticket\_request  
Logical Steps: asks the user for input, coverts input into an int  
Returns: INTed input

2. Function Name: ticket\_sale  
Description: takes the input from ticket\_booth and determines if it is a valid sale value and updates the tickets sold if so. Otherwise, it explains the issue to the user and moves on.  
Parameters: ticket\_req  
Variables: total\_tickets, rem\_tickets  
Logical Steps: intakes requested ticked amount, checks if value is greater than 4, if not then notify user and return, checks if request + max presales is bigger than 20, if yes then tells user how many tickets are left to buy and returns, checks if value is 1, if not then print a slightly different response for grammatical correctness, updates total\_tickets, returns.  
Returns: none

3. Function Name: remaining\_tickets  
Description: calculates the remaining tickets for presale and returns the number.  
Parameters: none  
Variables: total\_tickets, r\_tickets  
Logical Steps: calls total\_tickets, subtracts total\_tickets from 20, returns value.  
Returns: r\_tickets

Logical Steps:  
1. List the order in which your functions are called.

1. Ticket sale
2. Ticket booth
3. Remaining tickets

Link to your repository: https://github.com/KailFournier/CS-Repository.git

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

