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Brief description:

Program allows a user to pre-buy tickets. Each buyer can only purchase 1 to 4 tickets with total ticket stock of 20. When the tickets sell out, it displays how many buyers.

Function details:

buy\_tickets(remaining\_tickets)

handles each individual ticket request

checks if 1-4 tickets and if enough tickets are remaining

gives users a prompt for how many tickets they would like to purchase

ticket\_presale()

keeps track of the remaining tickets and total buyers

loop until sold out

prints current stock after a purchase/total buyers when sold out

Logical steps of the program

1. Set MAX\_TICKETS = 20
2. Starts selling tickets to user with ticket\_presale()
3. Loops all of these; buy\_tickets() to get user request, if 1-4, subtracts from remaining tickets, totals the number of buyers, displays the remaining tickets
4. Repeat until tickets are sold out
5. Display total buyers
6. (Extra) input() so program doesn’t close immediately

Repository: <https://github.com/anbruno2021?tab=repositories>

A screenshot of a computer program

AI-generated content may be incorrect.