Kristina Chorna

May 19, 2025

The goal of this code is to sell 20 tickets and use an if statement and loop. The code will then calculate the number of buyers that purchased the tickets.

The first function used in this code was the ticket\_sale() function. The goal of this function is to sell the tickets. The user was prompted to enter the number of tickets with the maximum number of tickets being 4 per buyer. The code later calculated the number of remaining tickets and repeated the process until all the tickets were sold. The variables used in this function were tickets\_left and tickets\_purchased. This function returns the number of tickets that were purchased, and the number of tickets left.

The second function is the main() function. The main goal of this function is to calculate the number of buyers that bought the tickets. It was able to do so by calculate all the successful sales that were done in the previous function. The variables used are tickets and buyers. The function displays the statement that all tickets were sold and the number of buyers.

[COP2373 Repository](https://github.com/kristinachorna/COP2373)

A screenshot of a computer

Description automatically generated