

CS118 Programming

Thanksgiving

Write a Python program that asks the user to select items and quantities for Thanksgiving dinner. Design the program around standard Tkinter dialog boxes. The program will allow users to choose from known food items or add a new food item that is not known. Provide a hardcoded list of food items, but allow the user to add a new item. When the user selects a known item or adds a new item, the program will call a function named `process_choice()` where the item is added if to the list of known foods and also to a shopping list (if not already there) or replaced if it already in the list. Don't lose any data already in the list! The function returns the shopping list to the calling program where it will be available for the next menu choice. After processing the user's choice, the menu should re-appear for another choice until the user chooses to exit. Upon exit, have the function `display_shopping_list()` display the shopping list (with quantities) in order by food name.