# Pseudocode for displaying the menu for food items available and takes orders from customers.

# Pseudocode for a GUI application using Tkinter

INPUT menu

FUNCTION display\_menu ():

OUTPUT = DISPLAY MENU

CALL delete\_text (menu\_text\_widget, start=1.0, and=END)

CALL insert\_text (menu\_text\_widget, text=menu\_text, position=END)

FUNCTION submit ():

INPUT (name, riceorpasta, portions, proteins, quantity, sidedishes, portions1, beverages, bottles, soupsandswallow, portions2)

chosen\_items\_total = 0

chosen\_item = [riceorpasta, proteins, sidedishes, beverages, soupsandswallows]

FOR item , quantity IN chosen\_items\_with\_quantities DO:

OUTPUT prices\_per\_meal = menu.get (item, 0)

IF price\_per\_meal > 0:

Chosen\_items\_total += price\_per\_meal \* quantity

ELSE:

Show error message

END IF STATEMENT

END FOR

Discount = 0

IF chosen\_item\_total < 2500:

discount = 0.1

ELIF 2500 <= chosen\_items\_total < 5000:

discount = 0.15

ELIF chosen\_items\_total >= 5000:

discount = 0.25

ELSE:

END IF STATEMENT

discounted\_total = chosen\_items\_total - (chosen\_items\_total \* discount)

OUTPUT = “Customer Name: {name}

Rice or Pasta: {riceorpasta}

Proteins: {proteins}

Side Dishes: {sidedishes}

Beverages: {beverages}

Soups and Swallows: {soups and swallows}”

CREATE main window

CREATE display button for menu

# Create labels and entry fields for customer information

CREATE name label and entry

CREATE Rice or pasta label and entry

CREATE portions label and entry

CREATE proteins label and entry

CREATE quantity label and entry

CREATE sidedishes label and entry

CREATE portions1 label and entry

CREATE beverages label and entry

CREATE bottles label and entry

CREATE soups and swallows label and entry

CREATE portions2 label and entry

CREATE a submit button