Import tkinter as tk

From tkinter import messagebox

From tkcalendar import DateEntry

menu := [“pizza”, “side, “dessert”, “drink”]

pizza := {1:"Cheese Pizza", 2:"Pepperoni Pizza", 3:"Veggie Pizza", 4:"Hawaiian Pizza", 5:"Ham & Cheese Pizza", 6:"Margherita Pizza"}

side := { 1:"Garlic Bread", 2:"Cheesy & Garlic Scrolls", 3:"Pepperoni Puff Roll", 4:"French Fries"}

dessert := {1:"Choc Lava Cake", 2:"Fudge Brownies", 3:"Churros"}

drink := {1:"Pepsi", 2:"Fanta", 3:"Sprite"}

crust := {1:"Classic Crust", 2:"Stuffed Crust", 3:"Gluten-Free Crust"}

sauce := {1:"Marinara Sauce", 2:"Pesto Sauce", 3:"BBQ Sauce", 4:"White Garlic Sauce"}

cheese := {1:"Mozzarella", 2:"Cheddar", 3:"Parmesan", 4:"Goat Cheese", 5:"Gorgonzola"}

toppings := {1:"Pepperoni", 2:"Chicken", 3:"Ham", 4:"Peppers", 5:"Mushrooms", 6:"Black Olives", 7:"Basil", 8:"Onions", 9:"Pineapple"}

cost = [12.99, 3.99, 3.99, 0.99]

Function pizza menu

Pass In: nothing

Print the pizza menu

Pass Out: nothing

Endfunction

Function side menu

Pass In: nothing

Print the side menu

Pass Out: nothing

Endfunction

Function dessert menu

Pass In: nothing

Print the dessert menu

Pass Out: nothing

Endfunction

Function drinks menu

Pass In: nothing

Print the drinks menu

Pass Out: nothing

Endfunction

Function get dictionary

Pass In: product, option

IF pizza THEN

IF option THEN

Return pizza menu

ELSE

Print pizza menu

ENDIF

ENDIF

IF side THEN

IF option THEN

Return side menu

ELSE

Print side menu

ENDIF

ENDIF

Pass Out: product menu

Endfunction

IF dessert THEN

IF option THEN

Return dessert menu

ELSE

Print dessert menu

ENDIF

ENDIF

IF drinks THEN

IF option THEN

Return drinks menu

ELSE

Print drinks menu

ENDIF

ENDIF

Function crust menu

Pass In: nothing

Print the crust menu

Pass Out: nothing

Endfunction

Function sauce menu

Pass In: nothing

Print the sauce menu

Pass Out: nothing

Endfunction

Function cheese menu

Pass In: nothing

Print the cheese menu

Pass Out: nothing

Endfunction

Function toppings menu

Pass In: nothing

Print the toppings menu

Pass Out: nothing

Endfunction

Function check valid

Pass In: varb, val1, val2, alpdig

check := “n”

WHILE val1 is number and val2 is number and varb is alphabetical

varb := enter valid option from val1 to val2

ENDWHILE

IF val1 is number and val2 is number THEN

varb := varb to integer

IF absolute value of val1 – val2 > 1

check := “y”

ENDIF

ENDIF

IF check equals “y” THEN

WHILE varb < val1 and varb > val2

BEGIN

varb >= val1 or varb <= val2

EXCEPTION

WHEN wrong value

varb := enter valid option from var1 to var2

END

ENDWHILE

ELSE

WHILE varb doesn’t equal val1 and varb doesn’t equal val2

BEGIN

varb equals val1 or varb equals val2

EXCEPTION

WHEN wrong value

varb := enter valid option from var1 to var2

IF var1 is number and var2 is number

varb := varb to integer

END

Pass Out: varb

Function delivery date

Pass In: nothing

Creating a calendar through GUI and asking user when they want their food delivered

Pass Out: nothing

Function print receipt

Pass In: customer\_order, costs, subtotal, afterTax, deliveryFee, totalCost

Writes text that looks like a receipt with all the costs and details from user’s order

Pass Out: nothing