from tkinter import \*

from tkinter import messagebox

class BillManagement:

def \_\_init\_\_(self, root):

self.root = root

self.root.geometry("500x500")

self.root.title("Bill Management")

self.root.config(bg="lightblue")

self.items = {

"Dosa": 60,

"Cookies": 30,

"Tea": 10,

"Coffee": 100,

"Juice": 20

}

# Store quantities and total bill

self.quantities = {item: IntVar(value=0) for item in self.items}

self.total\_bill = StringVar(value="Total: Rs. 0")

# Title Label

Label(root, text="Bill Management", font=("Arial", 24), bg="#f0f8ff").pack(pady=10)

# Input fields for items

for item, price in self.items.items():

frame = Frame(root, bg="#f0f8ff")

frame.pack(pady=5)

Label(frame, text=f"{item} (Rs.{price})", bg="#f0f8ff", font=("Arial", 14)).pack(side=LEFT)

Entry(frame, textvariable=self.quantities[item], width=5, bg="#e6f7ff").pack(side=RIGHT)

# Buttons for calculations and reset

Button(root, text="Calculate Total", command=self.calculate\_total, bg="#b3e0ff", font=("Arial", 14)).pack(pady=10)

Button(root, text="Reset", command=self.reset, bg="#ffb3b3", font=("Arial", 14)).pack(pady=5)

# Frame for total display

total\_frame = Frame(root, bg="#f0f8ff")

total\_frame.pack(pady=10)

Label(total\_frame, text="Total:", font=("Arial", 16), bg="#f0f8ff").pack(side=LEFT)

Label(total\_frame, textvariable=self.total\_bill, font=("Arial", 16), bg="#f0f8ff").pack(side=LEFT)

def calculate\_total(self):

# Calculate the total bill

total = 0

for item, price in self.items.items():

quantity = self.quantities[item].get()

total += quantity \* price

self.total\_bill.set(f"Rs. {total}")

messagebox.showinfo("Total Bill", f"The total bill is: Rs. {total}")

def reset(self):

# Reset all quantities and total bill

for item in self.quantities:

self.quantities[item].set(0)

self.total\_bill.set("Total: Rs. 0")

if \_\_name\_\_ == "\_\_main\_\_":

root = Tk()

app = BillManagement(root)

root.mainloop()