

Ozd2jwmap

March 4, 2023

1 App development

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[19]: from tkinter import*
import random
import os
from tkinter import messagebox
#=====main=====
class Bill_App:
    def __init__(self,root):
        self.root=root
        self.root.geometry("1350x700+0+0")
        self.root.title("Coders Ready Mann Sir")
        bg_color="#f20c2b"
        title=Label(self.root,text="Coders Ready_Mall Billing_
↳Dashboard",font=('times new_
↳roman',30,'bold'),pady=2,bd=12,bg="#f20c2b",fg="Black",relief=GROOVE)
        title.pack(fill=X)
        #=====medical_
↳items=====

        self.sanitizer=IntVar()
        self.mask=IntVar()
        self.hand_gloves=IntVar()
        self.dettol=IntVar()
        self.thermal_gun=IntVar()
        self.disprin=IntVar()

        #=====grocery=====
        self.rice=IntVar()
        self.food_oil=IntVar()
        self.wheat=IntVar()
        self.pulses=IntVar()
        self.flour=IntVar()
        self.sugar=IntVar()
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#=====cold_
↳ drinks=====

    self.coke=IntVar()
    self.sprite=IntVar()
    self.limca=IntVar()
    self.fanta=IntVar()
    self.mazza=IntVar()
    self.mountain_dew=IntVar()
    #=====total product price=====

    self.medical_price=StringVar()
    self.grocery_price=StringVar()
    self.cold_drinks_price=StringVar()

↳ #=====customer=====

    self.c_name=StringVar()
    self.c_phone=StringVar()
    self.bill_no=StringVar()
    x=random.randint(1000,9999)
    self.bill_no.set(str(x))
    self.search_bill=StringVar()

↳ #=====tax=====

    self.medical_tax=StringVar()
    self.grocery_tax=StringVar()
    self.cold_drinks_tax=StringVar()
    #=====customer retail_

↳ details=====

    F1=LabelFrame(self.root,text="Customer Details",font=("times new_
↳ roman",15,'bold'),bd=10,fg='Black',bg="#f20c2b")
    F1.place(x=0,y=80,relwidth=1)
    cname_lbl=Label(F1,text="Customer Name:",bg=bg_color,font=('times new _
↳ roman',15,'bold'))
    cname_lbl.grid(row=0,column=0,pady=20,padx=5)
    cname_txt=Entry(F1,width=15,textvariable=self.c_name,font='arial_
↳ 15',bd=7,relief=GROOVE)
    cname_txt.grid(row=0,column=1,pady=5,padx=10)

    cname_lbl=Label(F1,text="Customer Phone:",bg="#f20c2b",font=('times new_
↳ roman',15,'bold'))
    cname_lbl.grid(row=0,column=2,pady=20,padx=5)
    cname_txt=Entry(F1,width=15,textvariable=self.c_phone,font='arial_
↳ 15',bd=7,relief=GROOVE)
    cname_txt.grid(row=0,column=3,pady=5,padx=10)

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        c_bill_lbl=Label(F1,text="Bill Number:",bg="#f20c2b",font=("times new_
↪roman",15,'bold'))
        c_bill_lbl.grid(row=0,column=4,pady=20,padx=5)
        c_bill_txt=Entry(F1,width=15,textvariable=self.search_bill,font='arial_
↪15',bd=7,relief=GROOVE)
        c_bill_txt.grid(row=0,column=5,pady=5,padx=10)

        bill_btn=Button(F1,text="search",command=self.
↪find_bill,width=10,bd=7,font=('arial',12,'bold'),relief=GROOVE)
        bill_btn.grid(row=0,column=6,pady=5,padx=10)

        F2=LabelFrame(self.root,text='Medical purpose',font=('times new_
↪roman',16,'bold'),bd=10,fg="Black",bg="#f20c2b")
        F2.place(x=5,y=180,width=325,height=380)

        sanitizer_lbl=Label(F2,text="sanitizer:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        sanitizer_lbl.grid(row=0,column=0,pady=10,padx=10,sticky='W')
        sanitizer_txt=Entry(F2,width=10,textvariable=self.
↪sanitizer,font=('times new roman',16,'bold'),bd=7,relief=GROOVE)
        sanitizer_txt.grid(row=0,column=1,pady=10,padx=10)

        mask_lbl=Label(F2,text="Mask:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        mask_lbl.grid(row=1,column=0,pady=10,padx=10,sticky='W')
        mask_txt=Entry(F2,width=10,textvariable=self.mask,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)
        mask_txt.grid(row=1,column=1,pady=10,padx=10)

        hand_gloves_lbl=Label(F2,text="Hand Gloves:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        hand_gloves_lbl.grid(row=2,column=0,pady=10,padx=10,sticky='W')
        hand_gloves_txt=Entry(F2,width=10,textvariable=self.
↪hand_gloves,font=('times new roman',16,'bold'),bd=5,relief=GROOVE)
        hand_gloves_txt.grid(row=2,column=1,pady=10,padx=10)

        dettol_lbl=Label(F2,text="Dettol:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        dettol_lbl.grid(row=3,column=0,pady=10,padx=10,sticky='W')
        dettol_txt=Entry(F2,width=10,textvariable=self.dettol,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)

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dettol_txt.grid(row=3,column=1,pady=10,padx=10)

disprin_lbl=Label(F2,text="Disprin:",font=("times new_
↳roman",16,'bold'),bg="#f20c2b",fg="Black")
disprin_lbl.grid(row=4,column=0,pady=10,padx=10,sticky='W')
disprin_txt=Entry(F2,width=10,textvariable=self.disprin,font=('times_
↳new roman',16,'bold'),bd=5,relief=GROOVE)
disprin_txt.grid(row=4,column=1,pady=10,padx=10)

thermal_gun_lbl=Label(F2,text="Thermal Gun:",font=("times new_
↳roman",16,'bold'),bg="#f20c2b",fg="Black")
thermal_gun_lbl.grid(row=5,column=0,pady=10,padx=10,sticky='W')
thermal_gun_txt=Entry(F2,width=10,textvariable=self.
↳thermal_gun,font=('times new roman',16,'bold'),bd=5,relief=GROOVE)
thermal_gun_txt.grid(row=5,column=1,pady=10,padx=10)

F3=LabelFrame(self.root,text="Grocery Items",font=("times new_
↳roman",16,'bold'),bd=10,fg='Black',bg="#f20c2b")
F3.place(x=340,y=180,width=325,height=380)

rice_lbl=Label(F3,text="Rice:",font=("times new_
↳roman",16,'bold'),bg="#f20c2b",fg="Black")
rice_lbl.grid(row=0,column=0,pady=10,padx=10,sticky='W')
rice_txt=Entry(F3,width=10,textvariable=self.rice,font=('times new_
↳roman',16,'bold'),bd=5,relief=GROOVE)
rice_txt.grid(row=0,column=1,pady=10,padx=10)

food_oil_lbl=Label(F3,text="Food oil:",font=("times new_
↳roman",16,'bold'),bg="#f20c2b",fg="Black")
food_oil_lbl.grid(row=1,column=0,pady=10,padx=10,sticky='W')
food_oil_txt=Entry(F3,width=10,textvariable=self.food_oil,font=('times_
↳new roman',16,'bold'),bd=5,relief=GROOVE)
food_oil_txt.grid(row=1,column=1,pady=10,padx=10)

wheat_lbl=Label(F3,text="Wheat:",font=("times new_
↳roman",16,'bold'),bg="#f20c2b",fg="Black")
wheat_lbl.grid(row=2,column=0,pady=10,padx=10,sticky='W')
wheat_txt=Entry(F3,width=10,textvariable=self.wheat,font=('times new_
↳roman',16,'bold'),bd=5,relief=GROOVE)
wheat_txt.grid(row=2,column=1,pady=10,padx=10)

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        pulses_lbl=Label(F3,text="Pulses:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        pulses_lbl.grid(row=3,column=0,pady=10,padx=10,sticky='W')
        pulses_txt=Entry(F3,width=10,textvariable=self.pulses,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)
        pulses_txt.grid(row=3,column=1,pady=10,padx=10)

        flour_lbl=Label(F3,text="Flour:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        flour_lbl.grid(row=4,column=0,pady=10,padx=10,sticky='W')
        flour_txt=Entry(F3,width=10,textvariable=self.flour,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)
        flour_txt.grid(row=4,column=1,pady=10,padx=10)

        sugar_lbl=Label(F3,text="Sugar:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        sugar_lbl.grid(row=5,column=0,pady=10,padx=10,sticky='W')
        sugar_txt=Entry(F3,width=10,textvariable=self.sugar,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)
        sugar_txt.grid(row=5,column=1,pady=10,padx=10)

        F4=LabelFrame(self.root,text="Cold Drinks",font=("times new_
↪roman",16,'bold'),bd=10,fg='Black',bg="#f20c2b")
        F4.place(x=670,y=180,width=325,height=380)

        coke_lbl=Label(F4,text="Coke:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        coke_lbl.grid(row=0,column=0,pady=10,padx=10,sticky='W')
        coke_txt=Entry(F4,width=10,textvariable=self.coke,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)
        coke_txt.grid(row=0,column=1,pady=10,padx=10)

        sprite_lbl=Label(F4,text="Sprite:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        sprite_lbl.grid(row=1,column=0,pady=10,padx=10,sticky='W')

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        sprite_txt=Entry(F4,width=10,textvariable=self.sprite,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)
        sprite_txt.grid(row=1,column=1,pady=10,padx=10)

        limca_lbl=Label(F4,text="Limca:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        limca_lbl.grid(row=2,column=0,pady=10,padx=10,sticky='W')
        limca_txt=Entry(F4,width=10,textvariable=self.limca,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)
        limca_txt.grid(row=2,column=1,pady=10,padx=10)

        fanta_lbl=Label(F4,text="Fanta:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        fanta_lbl.grid(row=3,column=0,pady=10,padx=10,sticky='W')
        fanta_txt=Entry(F4,width=10,textvariable=self.fanta,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)
        fanta_txt.grid(row=3,column=1,pady=10,padx=10)

        mazza_lbl=Label(F4,text="Mazza:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        mazza_lbl.grid(row=4,column=0,pady=10,padx=10,sticky='W')
        mazza_txt=Entry(F4,width=10,textvariable=self.mazza,font=('times new_
↪roman',16,'bold'),bd=5,relief=GROOVE)
        mazza_txt.grid(row=4,column=1,pady=10,padx=10)

        mountain_dew_lbl=Label(F4,text="Mountain Dew:",font=("times new_
↪roman",16,'bold'),bg="#f20c2b",fg="Black")
        mountain_dew_lbl.grid(row=5,column=0,pady=10,padx=10,sticky='W')
        mountain_dew_txt=Entry(F4,width=10,textvariable=self.
↪mountain_dew,font=('times new roman',16,'bold'),bd=5,relief=GROOVE)
        mountain_dew_txt.grid(row=5,column=1,pady=10,padx=10)
        #=====bill_
↪area=====

        F5=Frame(self.root,bd=10,relief=GROOVE)
        F5.place(x=1010,y=180,width=350,height=380)

        bill_title=Label(F5,text="Bill Details Area",font=("arial 15_
↪bold"),bd=7,relief=GROOVE)
        bill_title.pack(fill=X)
        scroll_y=Scrollbar(F5,orient=VERTICAL)
        self.txtarea=Text(F5,yscrollcommand=scroll_y.set)
        scroll_y.pack(side=RIGHT,fill=Y)

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scroll_y.config(command=self.txtarea.yview)
self.txtarea.pack(fill=BOTH,expand=1)

#=====button
↪frame=====

F6=LabelFrame(self.root,text="Bill Details Area",font=("times new_
↪roman",14,'bold'),bd=10,fg='Black',bg="#f20c2b")
F6.place(x=0,y=560,relwidth=1,height=140)

m1_lbl=Label(F6,text="Total Medical Price:",font=("times new_
↪roman",14,'bold'),bg="#120103",fg="red")
m1_lbl.grid(row=0,column=0,pady=1,padx=20,sticky='W')
m1_txt=Entry(F6,width=18,textvariable=self.medical_price,font='arial 10_
↪bold',bd=7,relief=GROOVE)
m1_txt.grid(row=0,column=1,pady=1,padx=18)

m2_lbl=Label(F6,text="Total Grocery Price:",font=("times new_
↪roman",14,'bold'),bg="#120103",fg="red")
m2_lbl.grid(row=1,column=0,pady=1,padx=20,sticky='W')
m2_txt=Entry(F6,width=18,textvariable=self.grocery_price,font='arial 10_
↪bold',bd=7,relief=GROOVE)
m2_txt.grid(row=1,column=1,pady=1,padx=18)

m3_lbl=Label(F6,text="Total cold Drink Price:",font=("times new_
↪roman",14,'bold'),bg="#120103",fg="red")
m3_lbl.grid(row=2,column=0,pady=1,padx=20,sticky='W')
m3_txt=Entry(F6,width=18,textvariable=self.
↪cold_drinks_price,font='arial 10 bold',bd=7,relief=GROOVE)
m3_txt.grid(row=2,column=1,pady=1,padx=18)

m4_lbl=Label(F6,text="Medical tax:",font=("times new_
↪roman",14,'bold'),bg="#120103",fg="red")
m4_lbl.grid(row=3,column=0,pady=1,padx=20,sticky='W')
m4_txt=Entry(F6,width=18,textvariable=self.medical_tax,font='arial 10_
↪bold',bd=7,relief=GROOVE)
m4_txt.grid(row=3,column=1,pady=1,padx=18)

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        m5_lbl=Label(F6,text="Grocery Tax:",font=("times new_
↪roman",14,'bold'),bg="#120103",fg="red")
        m5_lbl.grid(row=4,column=0,pady=1,padx=20,sticky='W')
        m5_txt=Entry(F6,width=18,textvariable=self.grocery_tax,font='arial 10_
↪bold',bd=7,relief=GROOVE)
        m5_txt.grid(row=4,column=1,pady=1,padx=18)


        m6_lbl=Label(F6,text="Cold Drink Tax:",font=("times new_
↪roman",14,'bold'),bg="#120103",fg="red")
        m6_lbl.grid(row=5,column=0,pady=1,padx=20,sticky='W')
        m6_txt=Entry(F6,width=18,textvariable=self.cold_drinks_tax,font='arial_
↪10 bold',bd=7,relief=GROOVE)
        m6_txt.grid(row=5,column=1,pady=1,padx=18)


        ↪
↪#=====Buttons===== ↪
↪


        btn_f=Frame(F6,bd=7,relief=GROOVE)
        btn_f.place(x=760,width=580,height=105)


        total_btn=Button(btn_f,command=self.
↪total,text="Total",bg="#f20c2b",bd=2,fg="Black",pady=15,width=12,font="arial_
↪13 bold")
        total_btn.grid(row=0,column=0,pady=5,padx=5)


        generateBill_btn=Button(btn_f,command=self.bill_area,text="Generate_
↪Bill",bg="#f20c2b",bd=2,fg="Black",pady=12,width=12,font="arial 13 bold")
        generateBill_btn.grid(row=0,column=1,pady=5,padx=5)


        clear_btn=Button(btn_f,command=self.
↪clear_data,text="Clear",bg="#f20c2b",bd=2,fg="Black",pady=15,width=12,font="arial_
↪13 bold")
        clear_btn.grid(row=0,column=2,pady=5,padx=5)

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        exit_btn=Button(btn_f,command=self.
↪exit_app,text="Exit",bg="#f20c2b",bd=2,fg="Black",pady=15,width=12,font="arial_
↪13 bold")
        exit_btn.grid(row=0,column=3,pady=5,padx=5)
        self.welcome_bill()
        #=====total_
↪bills=====

    def total(self):
        self.m_s_p=self.sanitizer.get()*20
        self.m_m_p=self.mask.get()*5
        self.m_h_g_p=self.hand_gloves.get()*12
        self.m_de_p=self.dettol.get()*30
        self.m_d_p=self.disprin.get()*2
        self.m_t_g_p=self.thermal_gun.get()*150
        self.total_medical_price=float(self.m_s_p+self.m_m_p+self.m_h_g_p+self.
↪m_de_p+self.m_t_g_p+self.m_d_p)

        self.medical_price.set("Rs."+str(self.total_medical_price))
        self.m_tax=round((self.total_medical_price*0.05),2)
        self.medical_tax.set("Rs."+str(self.m_tax))

        self.g_r_p=self.rice.get()*100
        self.g_f_o_p=self.food_oil.get()*150
        self.g_w_p=self.wheat.get()*25
        self.g_p_p=self.pulses.get()*45
        self.g_f_p=self.flour.get()*100
        self.g_s_p=self.sugar.get()*60
        self.total_grocery_price=float(self.g_r_p+self.g_f_o_p+self.g_w_p+self.
↪g_p_p+self.g_f_p+self.g_s_p)

        self.grocery_price.set("Rs."+str(self.total_grocery_price))
        self.g_tax=round((self.total_grocery_price*0.05),2)
        self.grocery_tax.set("Rs."+str(self.g_tax))

        self.c_d_c_p=self.coke.get()*40
        self.c_d_s_p=self.sprite.get()*40
        self.c_d_f_p=self.fanta.get()*40
        self.c_d_l_p=self.limca.get()*40
        self.c_d_m_p=self.mazza.get()*40
        self.c_d_m_d_p=self.mountain_dew.get()*40
        self.total_cold_drink_price=float(self.c_d_c_p+self.c_d_s_p+self.
↪c_d_f_p+self.c_d_l_p+self.c_d_m_p+self.c_d_m_d_p)

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        self.cold_drinks_price.set("Rs."+str(self.total_cold_drinks_price))
        self.c_d_tax=round((self.total_cold_drinks_price*0.1),2)
        self.cold_drinks_tax.set("Rs."+str(self.c_d_tax))

        self.total_bill=float(self.total_medical_price+self.
↪total_grocery_price+self.total_cold_drinks_price+self.m_tax+self.g_tax+self.
↪c_d_tax)

        #=====welcome bill=====

def welcome_bill(self):
    self.txtarea.delete('1.0',END)
    self.txtarea.insert(END,"\tWelcome Coders Ready Retail")
    self.txtarea.insert(END,f"\nBill Number:{self.bill_no.get()}")
    self.txtarea.insert(END,f"\nCustomer Name:{self.c_name.get()}")
    self.txtarea.insert(END,f"\nPhone Number:{self.c_phone.get()}")
    self.txtarea.insert(END,f"\n=====")
    self.txtarea.insert(END,f"\nProducts\t\tQTY\t\tPrice")

    #=====bill_
↪area=====

def bill_area(self):
    if self.c_name.get()==" " or self.c_phone.get() == " ":
        messagebox.showerror("Error","Customer Details Are Must")
    elif self.medical_price.get() == "Rs. 0.0" and self.grocery_price.
↪get() == "Rs. 0.0" and self.cold_drinks_price.get()=="Rs. 0.0":
        messagebox.showerror("Error","No Product Purchased")
    else:
        self.welcome_bill()

    ↪
↪#=====medicals=====
↪
    if self.sanitizer.get() !=0:
        self.txtarea.insert(END,f"\n Sanitizer\t\t{self.sanitizer.
↪get()}\t\t{self.m_s_p}")
    if self.mask.get() !=0:
        self.txtarea.insert(END,f"\n Mask\t\t{self.mask.get()}\t\t{self.
↪m_m_p}")
    if self.hand_gloves.get() !=0:

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        self.txtarea.insert(END,f"\n Hand Gloves\t\t{self.hand_gloves.
↪get()}\t\t{self.m_h_g_p}")
        if self.dettol.get() !=0:
            self.txtarea.insert(END,f"\n Dettol\t\t{self.dettol.get()}\t\t{self.
↪m_de_p}")
            if self.disprin.get() !=0:
                self.txtarea.insert(END,f"\n Disprin\t\t{self.disprin.
↪get()}\t\t{self.m_d_p}")
                if self.thermal_gun.get() !=0:
                    self.txtarea.insert(END,f"\n Thermal Gun\t\t{self.thermal_gun.
↪get()}\t\t{self.m_t_g_p}")

#=====grocery=====
↪

        if self.rice.get() !=0:
            self.txtarea.insert(END,f"\n Rice\t\t{self.sanitizer.
↪get()}\t\t{self.g_r_p}")
            if self.food_oil.get() !=0:
                self.txtarea.insert(END,f"\n Food Oil\t\t{self.food_oil.
↪get()}\t\t{self.g_f_o_p}")
                if self.wheat.get() !=0:
                    self.txtarea.insert(END,f"\n Wheat\t\t{self.wheat.get()}\t\t{self.
↪g_w_p}")
                    if self.pulses.get() !=0:
                        self.txtarea.insert(END,f"\n Pulses\t\t{self.pulses.get()}\t\t{self.
↪g_p_p}")
                        if self.flour.get() !=0:
                            self.txtarea.insert(END,f"\n Flour\t\t{self.flour.get()}\t\t{self.
↪g_f_p}")
                            if self.sugar.get() !=0:
                                self.txtarea.insert(END,f"\n Sugar\t\t{self.sugar.get()}\t\t{self.
↪g_s_p}")

#=====cold
↪drinks=====

        if self.sprite.get() !=0:
            self.txtarea.insert(END,f"\n Sprite\t\t{self.sprite.get()}\t\t{self.
↪c_d_s_p}")
            if self.limca.get() !=0:

```

```

        self.txtarea.insert(END,f"\n Limca\t\t{self.limca.get()}\t\t{self.
↪c_d_l_p}")
        if self.mazza.get() !=0:
            self.txtarea.insert(END,f"\n Mazza\t\t{self.mazza.get()}\t\t{self.
↪c_d_m_p}")
        if self.coke.get() !=0:
            self.txtarea.insert(END,f"\n Coke\t\t{self.coke.get()}\t\t{self.
↪c_d_c_p}")
        if self.fanta.get() !=0:
            self.txtarea.insert(END,f"\n Fanta\t\t{self.fanta.get()}\t\t{self.
↪c_d_f_p}")
        if self.mountain_dew.get() !=0:
            self.txtarea.insert(END,f"\n Mountain Dew\t\t{self.mountain_dew.
↪get()}\t\t{self.c_d_m_d_p}")
            self.txtarea.
↪insert(END,f"\n-----")

        □
↪#=====taxes=====□
↪
        if self.medical_tax.get()!='0.0':
            self.txtarea.insert(END,f"\n Medical Tax\t\t\t{self.medical_tax.
↪get()}")

        if self.grocery_tax.get()!='0.0':
            self.txtarea.insert(END,f"\n Grocery Tax\t\t\t{self.grocery_tax.
↪get()}")

        if self.cold_drinks_tax.get()!='0.0':
            self.txtarea.insert(END,f"\n Cold Drinks Tax\t\t\t{self.
↪cold_drinks_tax.get()}")

        self.txtarea.insert(END,f"\n Total Bill:\t\t\tRs.{self.total_bill}")
        self.txtarea.
↪insert(END,f"\n-----")
        self.save_bill()

        #=====save□
↪bill=====

    def save_bill(self):
        op=messagebox.askyesno("Save Bill","Do you want to save the bill?")
        if op>0:

```

```

        self.bill_data=self.txtarea.get('1.0',END)
        f1=open("bills/"+str(self.bill_no.get())+".txt","w")
        f1.write(self.bill_data)
        f1.close()
        messagebox.showinfo("Saved",f"Bill no:{self.bill_no.get()} Saved_
↪Successfully")
    else:
        return

#=====find_
↪bill=====

def find_bill(self):
    present ="no"
    for i in os.listdir("bills/"):
        if i.split(".")[0]==self.search_bill.get():
            f1=open(f"bills/{i}","r")
            self.txtarea.delete("1.0",END)
            for d in f1:
                self.txtarea.insert(END,d)
            f1.close()
            present="yes"
    if present == "no":
        messagebox.showerror("Error","Invalid Bill No")

#=====clear_
↪bill=====

def clear_data(self):
    op=messagebox.askyesno("Clear","Do you really want to clear?")
    if op>0:
        self.sanitizer.set(0)
        self.mask.set(0)
        self.hand_gloves.set(0)
        self.dettol.set(0)
        self.disprin.set(0)
        self.thermal_gun.set(0)

        self.rice.set(0)
        self.food_oil.set(0)
        self.wheat.set(0)
        self.pulses.set(0)
        self.flour.set(0)
        self.sugar.set(0)

        self.coke.set(0)
        self.sprite.set(0)
        self.limca.set(0)

```

```

        self.fanta.set(0)
        self.mazza.set(0)
        self.mountain_dew.set(0)

        self.medical_price.set("")
        self.grocery_price.set("")
        self.cold_drinks.set("")

        self.medical_tax.set("")
        self.grocery_tax.set("")
        self.cold_drinks_tax.set("")

        self.c_name.set("")
        self.c_phone.set("")

        self.bill_no.set("")
        x=random.randint(1000,9999)
        self.bill_no.set(str(x))

        self.search_bill.set("")
        self.welcome_bill()

#=====exit=====
↪ def exit_app(self):
    op=messagebox.askyesno("Exit","Do you really want to exit?")
    if op>0:
        self.root.destroy()

root=Tk()
obj=Bill_App(root)
root.mainloop()

```

This is our fifth and last Mini Project. In this project we make billing dashboard. In this we add several products for which we can make bill and we have added taxes for the products too. We can also add more products as per our convenience.

[]: