**<---------------------*BAKERY PRODUCTION SYSTEM*—--------------------------->**

***\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*source code\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\****

**import pickle**

**import json**

**def line():**

**print('-'\*50)**

**def write():**

**d = {}**

**fw = open('bakerytestnew101.dat','ab') #main file**

**while True:**

**pr = input('enter product = ')**

**ct = input('enter category = ')**

**rs = int(input('enter price = '))**

**d['product = '] = pr**

**d['category = '] = ct**

**d['price = '] = rs**

**pickle.dump(d,fw)**

**a = input('enter to exit y')**

**if a == 'y':**

**break**

**line()**

**fw.close()**

**fr = open('bakerytestnew101.dat','rb')**

**fnvw = open('nonvegtestnew101.dat','wb') #write non veg data**

**fvw = open('vegtestnew101.dat','wb')#write veg data**

**c = {}**

**try:**

**while True:**

**c = pickle.load(fr)**

**if c['category = '] == 'veg':**

**pickle.dump(c,fvw)**

**elif c['category = '] == 'non veg':**

**pickle.dump(c,fnvw)**

**except EOFError:**

**fr.close()**

**fvw.close()**

**fnvw.close()**

**print('DATA TRANSFER SUCCESSFULLY!!!')**

**def readveg(): #read veg product details**

**fvr = open('vegtestnew101.dat','rb')**

**a = {}**

**global listvg**

**global lvgprice**

**listvg = [ ]**

**lvgprice = [ ]**

**try:**

**while True:**

**a = pickle.load(fvr)**

**for i in a:**

**if i == 'product = ':**

**listvg.append(a[i])**

**if i == 'price = ':**

**lvgprice.append(a[i])**

**print(json.dumps(a,indent=5))**

**except EOFError:**

**fvr.close()**

**def readnonveg(): #read nonveg product details**

**fnvr = open('nonvegtestnew101.dat','rb')**

**b = {}**

**global listnvg**

**global lnvgprice**

**listnvg = [ ]**

**lnvgprice = [ ]**

**try:**

**while True:**

**b = pickle.load(fnvr)**

**for j in b:**

**if j == 'product = ':**

**listnvg.append(b[j])**

**if j == 'price = ':**

**lnvgprice.append(b[j])**

**print(json.dumps(b,indent=5))**

**except EOFError:**

**fnvr.close()**

**def append(x,name): #add to cart**

**n = int(input('enter how many producs u want to add = '))**

**line()**

**totalvg = 0**

**totalnvg = 0**

**if x == 'veg':**

**for i in range(1,n+1):**

**crt = input('enter product = ')**

**quantvg = int(input('enter how much quantity u want for this product = '))**

**line()**

**print()**

**for i in listvg:**

**if i == crt:**

**indexpr = listvg.index(crt)**

**pricevg = lvgprice[indexpr]**

**totalvg+=pricevg\*quantvg**

**print('THANK YOU',name.upper(),'FOR YOUR ORDER your total bill--->',totalvg,'/-')**

**if x == 'non veg':**

**for j in range(1,n+1):**

**crt = input('enter product = ')**

**quantnvg = int(input('enter how much quantity u want for this product = '))**

**line()**

**print()**

**for j in listnvg:**

**if j == crt:**

**indexpr = listnvg.index(crt)**

**pricenvg = lnvgprice[indexpr]**

**totalnvg+=pricenvg\*quantnvg**

**print('THANK YOU',name.upper(),'your total bill--->',totalnvg,'/-')**

**#-------------------------------------main root--------------------------------------------------**

**print('<---------------WELCOME TO THE WORLD OF BAKERY --------------->')**

**print()**

**owner = input('ARE U THE OWNER yes/no = ')**

**if owner.lower() == 'yes':**

**p = int(input('if u want to write enter password = ')) #password is 1212**

**if p == 1212: #password**

**a = int(input('do u want to add products press 1 for yes = '))**

**if a == 1:**

**write() #write open**

**else:**

**name = input('Enter your name = ')**

**print('CHOOSE YOUR PRODUCT CATEGORY:')**

**line() #------------------------------------------------------------------------------------**

**x = input('what u prefer veg or non veg products = ') #to ask for read**

**print()**

**if x.lower() in ['nonveg','non veg']:**

**readnonveg()**

**if x.lower() == 'veg':**

**readveg()**

**line()**

**n = input('do u want to add to cart anything yes/no = ')**

**if n.lower() == 'yes':**

**append(x,name)**

**if n.lower() == 'no':**

**print('have a nice day')**

**print('<-------------------THANK YOU FOR YOUR VISIT------------------------>')**

**<---------------------------------OUTPUT—----------------------------------------------->**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*for veg\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**<---------------WELCOME TO THE WORLD OF BAKERY --------------->**

**ARE U THE OWNER yes/no = no**

**Enter your name = davish**

**CHOOSE YOUR PRODUCT CATEGORY:**

**--------------------------------------------------**

**what u prefer veg or non veg products = veg**

**{**

**"product = ": "cake",**

**"category = ": "veg",**

**"price = ": 120**

**}**

**{**

**"product = ": "donuts",**

**"category = ": "veg",**

**"price = ": 30**

**}**

**{**

**"product = ": "chocolate",**

**"category = ": "veg",**

**"price = ": 20**

**}**

**{**

**"product = ": "cookies",**

**"category = ": "veg",**

**"price = ": 50**

**}**

**--------------------------------------------------**

**do u want to add to cart anything yes/no = yes**

**enter how many producs u want to add = 3**

**--------------------------------------------------**

**enter product = cake**

**enter how much quantity u want for this product = 3**

**--------------------------------------------------**

**enter product = cookies**

**enter how much quantity u want for this product = 10**

**--------------------------------------------------**

**enter product = chocolate**

**enter how much quantity u want for this product = 20**

**--------------------------------------------------**

**THANK YOU DAVISH FOR YOUR ORDER your total bill---> 1260 /-**

**<---------------------------THANK YOU FOR YOUR VISIT---------------------------------------------------->**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*for non–veg\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**<---------------WELCOME TO THE WORLD OF BAKERY --------------->**

**ARE U THE OWNER yes/no = no**

**Enter your name = davish**

**CHOOSE YOUR PRODUCT CATEGORY:**

**--------------------------------------------------**

**what u prefer veg or non veg products = non veg**

**{**

**"product = ": "pastery",**

**"category = ": "non veg",**

**"price = ": 200**

**}**

**{**

**"product = ": "chocolate",**

**"category = ": "non veg",**

**"price = ": 200**

**}**

**{**

**"product = ": "crossaint",**

**"category = ": "non veg",**

**"price = ": 300**

**}**

**--------------------------------------------------**

**do u want to add to cart anything yes/no = yes**

**enter how many producs u want to add = 3**

**--------------------------------------------------**

**enter product = pastery**

**enter how much quantity u want for this product = 20**

**--------------------------------------------------**

**enter product = chocolate**

**enter how much quantity u want for this product = 200**

**--------------------------------------------------**

**enter product = crossaint**

**enter how much quantity u want for this product = 10**

**--------------------------------------------------**

**THANK YOU DAVISH your total bill---> 47000 /-**

**<---------------------------THANK YOU FOR YOUR VISIT---------------------------------------------------->**