GVK CHINMAYA VIDYALAYA SENIOR SECONDARY SCHOOL

KOTHUR(V), INDUKURUPET(M),SPS NELLORE(DIST)

AN INVESTIGATORY

PROJECT

ON

Submmitted to:-

Mr. C. Vijaya Kumar B.Tech,MBA

Submmitted by:-

CERTIFICATE

This is to certify that _____**,** a student of **Class-XII of GVK Chinmaya Vidyalaya** has successfully completed the research on the project of _____under the Guidance of _____during the year **2021-22** in partial fulfillment of Computer practical examination conducted by **AISSCE, New Delhi.**

Principal's Signature

Date :

Signature of Internal Examiner

_____

Signature of External Examiner

_____

Countersigned by:
Mr.C.Vijaya Kumar
PGT(CS)

Acknowledgement

I have taken efforts in this project. However, it would not have been possible without the kind support and help of many individuals.

I would like to thank my principal **Mr. Ajit Thakur** and school for providing facilities required to do my project.

I am highly indebted to my computer teacher, **Mr C. Vijaya Kumar**, for his invaluable guidance which has sustained my efforts in all stages of this project work.

I would also like to thank my parents for their continuous support and encouragement.

My thanks and appreciation also go to my fellow classmates in developing the project and to the people who have willingly helped me out with their abilities.

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HEADER FILES USED AND THEIR PURPOSE

1. tkinter
2. random
3. mysql.connector
4. datetime
5. time

CODING

```
n=int(input("Press 1 to go to the ordering window\nPress 2 to view a specific
receipt\nPress 3 to delete a record using phone number"))
import mysql.connector as mc
if n==1:
    from tkinter import *
    import random
    import datetime
    import time
    import mysql.connector as mc


    root=Tk()
    root.geometry("3840x2160")
    root.title("Canteen management System")


    tops=Frame(root, width=1600,relief=SUNKEN)
    tops.pack(side=TOP)

    f1=Frame(root,width=800,height=700,relief=SUNKEN, bd=20)
    f1.pack(side=LEFT)
```

```
    f2=Frame(root,width=800,height=700,relief=SUNKEN,bg='white',bd=10)
    f2.pack(side=RIGHT)

    localtime=time.asctime()

    lblInfo=Label(tops, font=('helvetica',50),text="GVK Chinmaya Vidyalaya
",fg="Black",bd=10)
    lblInfo.grid(row=0,column=0)

    lblInfo=Label(tops,font=('arial',20,'bold'),text=localtime,fg="red",bd=10)
    lblInfo.grid(row=1,column=0)


    def Ref():

        phn=rand.get()

        if (Patties.get()==""):
            CoPatties=0
        else:
            CoPatties=int(Patties.get())

        if (Noodles.get()==""):
            CoNoodles=0
        else:
            CoNoodles=int(Noodles.get())

        if (Samosa.get()==""):
            CoSamosa=0
        else:
            CoSamosa=int(Samosa.get())

        if (Cocacola.get()==""):
            CoD=0
        else:
            CoD=int(Cocacola.get())

        if (Burger.get()==""):
            CoBurger=0
        else:
            CoBurger=float(Burger.get())


        if (Sandwich.get()==""):
            CoSandwich=0
        else:
            CoSandwich=float(Sandwich.get())
```

```
        CostofPatties =CoPatties * 20
        CostofCocacola=CoD * 25
        CostofNoodles = CoNoodles* 30
        CostofSamosa = CoSamosa * 7
        CostBurger = CoBurger* 40
        CostSandwich=CoSandwich * 30



TotalCost=(CostofPatties+CostofCocacola+CostofNoodles+CostofSamosa+CostBurger
+CostSandwich)

        FinalCost ="Rs"+str (TotalCost)


        Total.set(FinalCost)


    rand = StringVar()
    Patties=StringVar()
    Noodles=StringVar()
    Samosa=StringVar()
    Total=StringVar()
    Cocacola=StringVar()
    Burger=StringVar()
    Sandwich=StringVar()

    lblnote= Label(tops, font=('arial', 16,'bold'),text="NOTE: Please add a zero against the
food item not ordered by the customer")
    lblnote.grid(row=2, column=0)

    lblReference= Label(f1, font=('arial', 16,'bold'),text="Phone number",bd=40)
    lblReference.grid(row=0, column=0)
    txtReference=Entry(f1, font=('arial',16),textvariable=rand,bg="white",bd=10,
justify='right')
    txtReference.grid(row=0,column=1)

    lblPatties= Label(f1, font=('arial', 16,'bold'),text="Patties (Rs.20)",bd=40)
    lblPatties.grid(row=1, column=0)
    txtPatties=Entry(f1,
font=('arial',16),textvariable=Patties,bg="white",justify='right',bd=10)
    txtPatties.grid(row=1,column=1)


    lblNoodles= Label(f1, font=('arial', 16,'bold'),text="Noodles (Rs.30)",bd=40)
```

```
    lblNoodles.grid(row=2, column=0)
    txtNoodles=Entry(f1,
font=('arial',16),textvariable=Noodles,bg="white",justify='right',bd=10)
    txtNoodles.grid(row=2,column=1)


    lblSamosa= Label(f1, font=('arial', 16,'bold'),text="Samosa (Rs.7)",bd=40)
    lblSamosa.grid(row=3, column=0)
    txtSamosa=Entry(f1,
font=('arial',16),textvariable=Samosa,bg="white",justify='right',bd=10)
    txtSamosa.grid(row=3,column=1)


    lblCocacola= Label(f1, font=('arial', 16,'bold'),text="Coca-cola (Rs.25)",bd=40)
    lblCocacola.grid(row=0, column=2)
    txtCocacola=Entry(f1,
font=('arial',16),textvariable=Cocacola,bg="white",justify='right',bd=10)
    txtCocacola.grid(row=0,column=3)

    lblBurger= Label(f1, font=('arial', 16,'bold'),text="Burger (Rs.40)",bd=40)
    lblBurger.grid(row=1, column=2)
    txtBurger=Entry(f1,
font=('arial',16),textvariable=Burger,bg="white",justify='right',bd=10)
    txtBurger.grid(row=1,column=3)


    lblSandwich= Label(f1, font=('arial', 16,'bold'),text="Sandwich (Rs.30)",bd=40)
    lblSandwich.grid(row=2, column=2)
    txtSandwich=Entry(f1,
font=('arial',16),textvariable=Sandwich,bg="white",justify='right',bd=10)
    txtSandwich.grid(row=2,column=3)


    lblTotalCost= Label(f1, font=('arial', 16,'bold'),text="Total Cost",bd=40)
    lblTotalCost.grid(row=3, column=2)
    txtTotalCost=Entry(f1, font=('arial',16),textvariable=Total,bg="powder blue",bd=10,
justify='right')
    txtTotalCost.grid(row=3,column=3)


#RECEIPT##############################################################
############################
    lblReference= Label(f2, font=('arial', 16),text="Reference:", bg='white')
    lblReference.grid(row=0, column=0)
    txtReference=Label(f2, font=('arial',16),textvariable=rand,bg="white",width=20)
    txtReference.grid(row=0,column=1)
```

```
    lblPatties= Label(f2, font=('arial', 16),text="Patties:", bg='white')
    lblPatties.grid(row=1, column=0)
    txtPatties=Label(f2, font=('arial',16),textvariable=Patties,bg="white",width=20)
    txtPatties.grid(row=1,column=1)

    lblNoodles= Label(f2, font=('arial', 16),text="Noodles:", bg='white')
    lblNoodles.grid(row=2, column=0)
    txtNoodles=Label(f2, font=('arial',16),textvariable=Noodles,bg="white",width=20)
    txtNoodles.grid(row=2,column=1)

    lblSamosa= Label(f2, font=('arial', 16),text="Samosa:", bg='white')
    lblSamosa.grid(row=3, column=0)
    txtSamosa=Label(f2, font=('arial',16),textvariable=Samosa,bg="white",width=20)
    txtSamosa.grid(row=3,column=1)

    lblCocacola= Label(f2, font=('arial', 16),text="Coca-cola:", bg='white')
    lblCocacola.grid(row=4, column=0)
    txtCocacola=Label(f2, font=('arial',16),textvariable=Cocacola,bg="white",width=20)
    txtCocacola.grid(row=4,column=1)

    lblBurger= Label(f2, font=('arial', 16),text="Burger:", bg='white')
    lblBurger.grid(row=5, column=0)
    txtBurger=Label(f2, font=('arial',16),textvariable=Burger,bg="white",width=20)
    txtBurger.grid(row=5,column=1)

    lblSandwich= Label(f2, font=('arial', 16),text="Sandwich:", bg='white')
    lblSandwich.grid(row=6, column=0)
    txtSandwich=Label(f2, font=('arial',16),textvariable=Sandwich,bg="white",width=20)
    txtSandwich.grid(row=6,column=1)

    lblTotalCost= Label(f2, font=('arial', 16),text="Total Cost:", bg='white')
    lblTotalCost.grid(row=7, column=0)
    txtTotalCost=Label(f2, font=('arial',16),textvariable=Total,bg="white", width=20)
    txtTotalCost.grid(row=7,column=1)

    lblsalutation=Label(f2, font=('arial',16), text="Do visit again :)", bg='white')
    lblsalutation.grid(row=8, column=1)


    def qexit():
        root.destroy()


btntotal=Button(f1,padx=16,pady=8,fg="black",font=('arial',16),width=10,text="Total",bg=
"red",command=Ref)
    btntotal.grid(row=6,column=1)
```

```
btnexit=Button(f1,padx=16,pady=8,fg="black",font=('arial',16),width=10,text="Exit",bg="r
ed",command=qexit)
   btnexit.grid(row=6,column=2)

   def reset():
      Patties.set("")
      Noodles.set("")
      Samosa.set("")
      Cocacola.set("")
      Total.set("")
      rand.set("")
      Burger.set("")
      Sandwich.set("")



btnreset=Button(f1,padx=16,pady=8,fg="black",font=('arial',16),width=10,text="Reset",b
g="red",command=reset)
   btnreset.grid(row=6,column=3)

   def save():
      mycon=mc.connect(host="localhost", user="root",
password='tiger',database="gvkcv")
      cursor=mycon.cursor()
      r=rand.get()
      p=Patties.get()
      n=Noodles.get()
      sa=Samosa.get()
      co=Cocacola.get()
      b=Burger.get()
      sand=Sandwich.get()
      total=Total.get()
      s='INSERT INTO invoices values(%s,%s,%s,%s,%s,%s,%s,%s)'
      t=[r,p,n,sa,co,b,sand,total]
      cursor.execute(s,t)
      mycon.commit()
      print("value inserted")
      mycon.close()


btnsave=Button(f1,padx=16,pady=8,fg="black",font=('arial',16),width=10,text="save",bg
="red",command=save)
   btnsave.grid(row=7,column=3)
elif n==2:
   mycon=mc.connect(host="localhost", user="root",
password='tiger',database="gvkcv")
```

```
cursor=mycon.cursor()
phnno=int(input("enter the phone no"))
print("total cost:")
s="select total from invoices where Phonenumber=%s;"
t=[phnno]
cursor.execute(s,t)
data=cursor.fetchall()
print(data)
mycon.commit()
print("No of sandwiches:")
s="select sandwich from invoices where Phonenumber=%s;"
t=[phnno]
cursor.execute(s,t)
data=cursor.fetchall()
print(data)
mycon.commit()
print("No of patties:")
s="select patties from invoices where Phonenumber=%s;"
t=[phnno]
cursor.execute(s,t)
data=cursor.fetchall()
print(data)
mycon.commit()
print("No of noodles:")
s="select noodles from invoices where Phonenumber=%s;"
t=[phnno]
cursor.execute(s,t)
data=cursor.fetchall()
print(data)
mycon.commit()
print("No of samosa:")
s="select samosa from invoices where Phonenumber=%s;"
t=[phnno]
cursor.execute(s,t)
data=cursor.fetchall()
print(data)
mycon.commit()
print("No of coca cola:")
s="select cocacola from invoices where Phonenumber=%s;"
t=[phnno]
cursor.execute(s,t)
data=cursor.fetchall()
print(data)
mycon.commit()
print("No of burgers:")
s="select burger from invoices where Phonenumber=%s;"
t=[phnno]
```

```
    cursor.execute(s,t)
    data=cursor.fetchall()
    print(data)
    mycon.commit()
    mycon.close()
elif n==3:
    mycon=mc.connect(host="localhost", user="root",
password='tiger',database="gvkcv")
    cursor=mycon.cursor()
    phnno=int(input("enter phn no whose record you wanna delete"))
    s="delete from invoices where Phonenumber=%s"
    t=[phnno]
    cursor.execute(s,t)
    mycon.commit()
    mycon.close()
    print("Record deleted")
```