#For executing and storing the data ,Please make sure that MYSQL installed in your device

#using pip install mysql-connector in the command prompt [command - pip install mysql-connector]

#Importing Libraries to be used

from tkinter import \*

from tkinter import ttk

from tkinter import messagebox

import mysql.connector as sql

import time

#Connecting to the database

connection = sql.connect(host='localhost',database='cms',user='root',password='mysql')

cursor = connection.cursor()

#Creating required database and tables

'''sql1="create table if not exists login(Username varchar(50),Password varchar(50),Login\_Time varchar(50))"

cursor.execute(sql1)'''

sql2="create table if not exists import (Billing\_ID int primary key,Carrier\_Name varchar(50),Origin varchar(50),Destination varchar(50),Container\_Dimensions varchar(50),Mode\_of\_Transport varchar(50),Payment\_Amount int)"

cursor.execute(sql2)

sql3="create table if not exists export (Billing\_ID int primary key,Carrier\_Name varchar(50),Origin varchar(50),Destination varchar(50),Container\_Dimensions varchar(50),Mode\_of\_Transport varchar(50),Payment\_Amount int)"

cursor.execute(sql3)

sql4="create table if not exists employee(Employee\_ID int primary key,Employee\_FName varchar(50),Employee\_LName varchar(50),Date\_of\_Birth date,Designation varchar(50),Employee\_PhNo bigint)"

cursor.execute(sql4)

#Registering New user

def register():

window.destroy()

time.sleep(1)

a=Tk()

def submit():

username=name.get()

password=passw.get()

np=key.get()

cn=na.get()

if name.get()=="":

messagebox.showerror(parent=a,title="ERROR",message="Please Enter your name")

elif passw.get()=="":

messagebox.showerror(parent=a,title="ERROR",message="Please Enter your password")

elif key.get()=="":

messagebox.showerror(parent=a,title="ERROR",message="Please Enter your pin number")

elif key.get()=="":

messagebox.showerror(parent=a,title="ERROR",message="Please Enter your Company Name")

elif key.get().isdigit()==False:

messagebox.showerror(parent=a,title="ERROR",message="Please Enter a Pin Number.\nYou have Entered an alphabet")

elif passw.get()!=conpas.get():

messagebox.showerror(parent=a,title="ERROR",message="Password's aren't same Please Check")

passw.delete(0,'end')

conpas.delete(0,'end')

elif passw.get()==conpas.get() and key.get().isdigit():

b=open("up.txt","w")

b.write(username+"\n")

b.write(password+"\n")

b.write(np+"\n")

b.write(cn)

b.close()

name.delete(0,'end')

passw.delete(0,'end')

conpas.delete(0,'end')

key.delete(0,'end')

na.delete(0,'end')

messagebox.showinfo(parent=a,title="SUCCESS",message="New User Registered successfully")

messagebox.showinfo(parent=a,title="Information",message="Please Relaunch your Application to save the details")

a.destroy()

else:

return

global username

global password

global name

global passw

def info():

messagebox.showinfo(parent=a,title="Information",message="Please enter a pin number . This is asked in order to fetch the password if you forget")

rl=Label(a,text='Register Yourself Here',font='Calibri 18',fg='lemon chiffon',bg='brown')

rl.place(x=100,y=20)

name\_label = Label(a, text = 'Username : ',font='14',bg='lemon chiffon')

name\_label.place(x=20,y=85)

name = Entry(a,text = "",font='14',width=14,justify=LEFT)

name.place(x=210,y=85)

passw\_label = Label(a,text = 'Password : ',font='14',bg='lemon chiffon')

passw\_label.place(x=20,y=125)

passw=Entry(a,text = "",show = '\*',font='14',width=14,justify=LEFT)

passw.place(x=210,y=125)

conpas\_label=Label(a,text = 'Confirm Password : ',font='14',bg='lemon chiffon')

conpas\_label.place(x=20,y=165)

conpas=Entry(a,text = "",show = '\*',font='14',width=14,justify=LEFT)

conpas.place(x=210,y=165)

key\_label = Label(a, text = 'Set a Pin Number : ',font='14',bg='lemon chiffon')

key\_label.place(x=20,y=205)

key = Entry(a,text = "",font='14',show = '\*',width=14,justify=LEFT)

key.place(x=210,y=205)

na\_label = Label(a, text = 'Company Name : ',font='14',bg='lemon chiffon')

na\_label.place(x=20,y=245)

na = Entry(a,text = "",font='14',width=14,justify=LEFT)

na.place(x=210,y=245)

def sp():

if cd.get()==1:

passw.config(show="")

conpas.config(show="")

key.config(show="")

elif cd.get()==0:

passw.config(show="\*")

conpas.config(show="\*")

key.config(show="\*")

cd=IntVar()

sp\_btn=Checkbutton(a,text='Show Password & Pin',command=sp,onvalue=1,offvalue=0,variable=cd,width=16,font='Arial 10',bg='brown')

sp\_btn.place(x=25,y=290)

c=Button(a,text=" ? ",command=info,font='Calibri 12',bg='lemon chiffon',bd=1)

c.place(x=373,y=204)

login\_btn=Button(a,text = 'Register',command=submit,bg='lemon chiffon',bd=1)

a.bind('<Return>', lambda i : submit())

login\_btn.place(x=280,y=290)

a.title("Register Yourself Here")

a.geometry("400x330+400+200")

a.resizable(0,0)

a.config(bg="brown")

a.mainloop()

#++++++++++++++++++++++++PROJECT BEGINS HERE++++++++++++++++++++++++#

#Loading screen

'''load=Tk()

progress = ttk.Progressbar(load, orient = HORIZONTAL,length = 300)

l=Label(load,text="Loading...",font=' Arial 20 italic',bg='black',fg='gold')

l.place(x=165,y=120)

rt=Label(load,text=time.strftime("%d/%m/%Y"),font='10',bg='black',fg='turquoise')

rt.place(x=10,y=15)

q=Label(load,text="Cargo Management\nSystem",font=' Arial 16 italic',bg='black',fg='deepskyblue3',justify='right')

q.place(x=240,y=15)

qe=Label(load,text="Version 1.1®",font=' Arial 12 italic',bg='black',fg='red',justify='right')

qe.place(x=10,y=260)

progress.config(mode='determinate',maximum=100, value = 0)

progress.start(63)

progress.after(6800, lambda:progress.stop())

progress.place(x=80,y=180)

a1="Loading...."

a2="Loading....."

a3="Loading......"

b="Opening Application...."

load.after(3000, lambda:l.config())

load.after(2500, lambda:l.config(text=a1))

load.after(4000, lambda:l.config(text=a2))

load.after(5500, lambda:l.config(text=a3))

load.after(6000, lambda:l.place(x=80,y=120))

load.after(6000, lambda:l.config(text=b))

load.after(6800, lambda:load.destroy())

load.geometry('450x300+525+225')

load.config(bg="black")

load.overrideredirect(True)

load.mainloop()

time.sleep(0.5)'''

#Creating main window

window=Tk()

#Assigning username and password with string variables

name\_var=StringVar()

passw\_var=StringVar()

#Retriving Username and Password

name=name\_var.get()

password=passw\_var.get()

#Opening and reading login credentials from text file

with open("up.txt", "r") as fd:

i = fd.read().splitlines()

if len(i)!=0:

name=i[0]

password=i[1]

np=i[2]

cn=i[3]

#Defining Login Button's command

def login():

'''un=name\_entry.get()

pw=passw\_entry.get()

tm=time.strftime("%H:%M:%S")

sql23="insert into login values(%s,%s,%s)"

vl=un,pw,tm

cursor.execute(sql23,vl)

connection.commit()'''

#Verifying Username and Password

if (name\_entry.get()==i[0]) and (passw\_entry.get()==i[1]):

name\_entry.delete(0,'end')

passw\_entry.delete(0,'end')

messagebox.showinfo(parent=window,title="SUCCESS",message=("User Login successful.\n\nWelcome back "+i[0]))

#Destroying Main window

window.destroy()

win=Tk()

#Editing table Import

def imp():

a=Tk()

#Inserting into Import

def insert():

b=Tk()

def submit():

if (e2.get()=="" or e3.get()=="" or e4.get()=="" or e5.get()=="" or e6.get()=="" or e7.get()==""):

messagebox.showerror(parent=b,title="ERROR",message="Please Enter all the details")

else:

try:

sql="insert into import values (%s,%s,%s,%s,%s,%s,%s)"

values=e1.get(),e2.get(),e3.get(),e4.get(),e5.get(),e6.get(),e7.get()

cursor.execute(sql,values)

connection.commit()

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

messagebox.showinfo(parent=b,title="SUCCESS",message="Details inserted successfully")

b.destroy()

except:

messagebox.showerror(parent=b,title="ERROR",message="Couldn't insert the values")

l1=Label(b,text="Billing ID : ",font=["Algerian","18"],bg="lemon chiffon")

l1.place(x=10,y=80)

l2=Label(b,text="Carrier Name : ",font=["Algerian","18"],bg="lemon chiffon")

l2.place(x=10,y=145)

l3=Label(b,text="Origin : ",font=["Algerian","18"],bg="lemon chiffon")

l3.place(x=10,y=215)

l4=Label(b,text="Destination : ",font=["Algerian","18"],bg="lemon chiffon")

l4.place(x=10,y=290)

l5=Label(b,text="Container Dimensions : ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=10,y=355)

l6=Label(b,text="Mode of Transport : ",font=["Algerian","18"],bg="lemon chiffon")

l6.place(x=10,y=425)

l7=Label(b,text="Payment Amount : ",font=["Algerian","18"],bg="lemon chiffon")

l7.place(x=10,y=490)

e1=Entry(b,text="",font='14',width=14)

e1.place(x=370,y=80)

sql="select max(Billing\_ID) from import"

cursor.execute(sql)

a=cursor.fetchall()

if a[0][0]==None:

c=1000

e1["state"] = "normal"

e1.insert('end',c)

e1["state"] = "disabled"

else:

c=a[0][0]+1

e1["state"] = "normal"

e1.insert('end',c)

e1["state"] = "disabled"

e2=Entry(b,text="",font='14',width=14)

e2.place(x=370,y=150)

e3=Entry(b,text="",font='14',width=14)

e3.place(x=370,y=220)

e4=Entry(b,text="",font='14',width=14)

e4.place(x=370,y=290)

e5=Entry(b,text="",font='14',width=14)

e5.place(x=370,y=360)

e6=ttk.Combobox(b,font='14',width=12,state="readonly")

e6['values']=("Seaways","Airways","Roadways")

e6.place(x=370,y=430)

e7=Entry(b,text="",font='14',width=14)

e7.place(x=370,y=490)

l = Label(b, text = 'INSERT IMPORT DETAILS',font=["Lucida Calligraphy",'20'],bg='brown',fg='snow')

l.place(x=125,y=10)

add\_btn=Button(b,text = 'INSERT',command=submit,bg='gold',bd=1,height=2,width=10)

b.bind('<Return>', lambda i : submit())

add\_btn.place(x=550,y=490)

b.title("INSERT IMPORT DETAILS")

b.geometry("650x550+350+150")

b.resizable(0,0)

b.config(bg='brown')

b.mainloop()

#Updating Import

def update():

messagebox.showinfo(parent=a,title="INFORMATION",message="Enter Billing ID to fetch and update the details")

c=Tk()

def reset():

e1["state"]='normal'

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

def fetch():

sql="select \* from import where Billing\_ID='%s'"%(e1.get())

cursor.execute(sql)

rows=cursor.fetchall()

reset()

if len(rows)!=0:

for row in rows:

e1.insert('end',row[0])

e1["state"]='readonly'

e2.insert('end',row[1])

e3.insert('end',row[2])

e4.insert('end',row[3])

e5.insert('end',row[4])

e6["state"]='normal'

e6.insert('end',row[5])

e6["state"]='readonly'

e7.insert('end',row[6])

else:

messagebox.showerror(parent=c,title="Error",message="No details found with Billing ID you entered")

def submit():

try:

sql='update import set Carrier\_Name="%s",Origin="%s",Destination="%s",Container\_Dimensions="%s",Mode\_of\_Transport="%s",Payment\_Amount="%s" where Billing\_ID="%s"'%(e2.get(),e3.get(),e4.get(),e5.get(),e6.get(),e7.get(),e1.get())

cursor.execute(sql)

e1["state"]='normal'

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

messagebox.showinfo(parent=c,title="SUCCESS",message="Details updated successfully")

connection.commit()

except:

messagebox.showerror(parent=c,title="ERROR",message="Couldn't Update the details")

c.destroy()

l1=Label(c,text="Billing ID : ",font=["Algerian","18"],bg="lemon chiffon")

l1.place(x=10,y=80)

l2=Label(c,text="Carrier Name : ",font=["Algerian","18"],bg="lemon chiffon")

l2.place(x=10,y=145)

l3=Label(c,text="Origin : ",font=["Algerian","18"],bg="lemon chiffon")

l3.place(x=10,y=215)

l4=Label(c,text="Destination : ",font=["Algerian","18"],bg="lemon chiffon")

l4.place(x=10,y=290)

l5=Label(c,text="Container Dimensions : ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=10,y=355)

l6=Label(c,text="Mode of Transport : ",font=["Algerian","18"],bg="lemon chiffon")

l6.place(x=10,y=425)

l7=Label(c,text="Payment Amount : ",font=["Algerian","18"],bg="lemon chiffon")

l7.place(x=10,y=490)

e1=Entry(c,text="",font='14',width=14)

e1.place(x=370,y=80)

e2=Entry(c,text="",font='14',width=14)

e2.place(x=370,y=150)

e3=Entry(c,text="",font='14',width=14)

e3.place(x=370,y=220)

e4=Entry(c,text="",font='14',width=14)

e4.place(x=370,y=290)

e5=Entry(c,text="",font='14',width=14)

e5.place(x=370,y=360)

e6=ttk.Combobox(c,font='14',width=12,state="readonly")

e6['values']=("Seaways","Airways","Roadways")

e6.place(x=370,y=430)

e7=Entry(c,text="",font='14',width=14)

e7.place(x=370,y=490)

fet\_btn=Button(c,text = 'FETCH',command=fetch,bg='gold',bd=1,height=2,width=10)

fet\_btn.place(x=550,y=440)

upd\_btn=Button(c,text = 'UPDATE',command=submit,bg='gold',bd=1,height=2,width=10)

upd\_btn.place(x=550,y=490)

res=Button(c,text = 'RESET',command=reset,bg='gold',bd=1,height=2,width=10)

res.place(x=550,y=390)

l = Label(c, text = 'UPDATE IMPORT DETAILS',font=["Lucida Calligraphy",'20'],bg='brown',fg='snow')

l.place(x=125,y=10)

c.title("UPDATE IMPORT DETAILS")

c.geometry("650x550+350+150")

c.resizable(0,0)

c.config(bg='brown')

c.mainloop()

#Fetching from Import

def fetch():

d=Tk()

def fetchmany():

sql="select \* from import where %s='%s' order by %s asc"%(c1.get(),e8.get(),c1.get())

cursor.execute(sql)

row=cursor.fetchall()

if len(row)!=0:

tv.delete(\*tv.get\_children())

for i in row:

e8.delete(0,'end')

tv.insert('','end',values=i)

connection.commit()

elif e8.get()=="":

e8.delete(0,'end')

tv.delete(\*tv.get\_children())

messagebox.showerror(parent=d,title="Error",message="Please Enter Billing ID")

else:

e8.delete(0,'end')

tv.delete(\*tv.get\_children())

messagebox.showerror(parent=d,title="Error",message="No details found with "+c1.get()+" you entered")

def fetchall():

tv.delete(\*tv.get\_children())

sql='select \* from import order by Billing\_ID asc'

cursor.execute(sql)

row=cursor.fetchall()

for i in row:

e8.delete(0,'end')

tv.insert('','end',values=i)

connection.commit()

tv=ttk.Treeview(d,columns=("Billing ID","Carrier Name","Origin","Destination","Container Dimensions","Mode of Transport","Payment Amount"),height=24,selectmode='browse')

tv.place(x=20,y=70)

tv.heading("Billing ID",text="Billing ID")

tv.heading("Carrier Name",text="Carrier Name")

tv.heading("Origin",text="Origin")

tv.heading("Destination",text="Destination")

tv.heading("Container Dimensions",text="Container Dimensions")

tv.heading("Mode of Transport",text="Mode of Transport")

tv.heading("Payment Amount",text="Payment Amount")

tv['show']='headings'

tv.column("Billing ID",width=120)

tv.column("Carrier Name",width=140)

tv.column("Origin",width=120)

tv.column("Destination",width=120)

tv.column("Container Dimensions",width=120)

tv.column("Mode of Transport",width=120)

tv.column("Payment Amount",width=120)

l1=Label(d,text="Search by : ",font=["Lucida Calligraphy","14"],bg='gold')

l1.place(x=10,y=15)

c1=ttk.Combobox(d,font='14',width=12,state="readonly")

c1['values']=("Billing\_ID","Carrier\_Name","Origin","Destination","Container\_Dimensions","Mode\_of\_Transport","Payment\_Amount")

c1.place(x=150,y=15)

s=ttk.Scrollbar(d,orient="vertical",command=tv.yview)

tv.configure(yscroll=s.set)

s.pack(side=RIGHT,fill=Y)

e8=Entry(d,text="",font='14',width=14)

e8.place(x=320,y=17)

fetchall()

fet\_btn=Button(d,text = 'FETCH',command=fetchmany,bg='gold',bd=1,height=2,width=10)

fet\_btn.place(x=505,y=10)

if e8.get()!=None:

d.bind('<Return>', lambda i : fetchmany())

fa=Button(d,text="FETCH ALL",command=fetchall,bg='gold',bd=1,height=2,width=10)

fa.place(x=600,y=10)

d.title("FETCH IMPORT DETAILS")

d.geometry("920x600+200+100")

d.resizable(0,0)

d.config(bg='brown')

d.mainloop()

#Deleting from Import

def delete():

e=Tk()

def reset():

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

def fetch():

sql="select \* from import where Billing\_ID='%s'"%(e1.get())

cursor.execute(sql)

rows=cursor.fetchall()

reset()

if len(rows)!=0:

for row in rows:

e1.insert('end',row[0])

e2.insert('end',row[1])

e3.insert('end',row[2])

e4.insert('end',row[3])

e5.insert('end',row[4])

e6["state"]='normal'

e6.insert('end',row[5])

e6["state"]='readonly'

e7.insert('end',row[6])

else:

messagebox.showerror(parent=e,title="Error",message="No details found with Billing ID you entered")

def submit():

dele=messagebox.askyesno(parent=e,title="DELETE RECORD CONFIRMATION",message="Would you like to delete the selected Details?")

if dele>0:

sql='delete from import where Billing\_ID="%s"'%(e1.get())

cursor.execute(sql)

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

messagebox.showinfo(parent=e,title="SUCCESS",message="Details Deleted successfully")

connection.commit()

else:

return

e.destroy()

l1=Label(e,text="Billing ID : ",font=["Algerian","18"],bg="lemon chiffon")

l1.place(x=10,y=80)

l2=Label(e,text="Carrier Name : ",font=["Algerian","18"],bg="lemon chiffon")

l2.place(x=10,y=145)

l3=Label(e,text="Origin : ",font=["Algerian","18"],bg="lemon chiffon")

l3.place(x=10,y=215)

l4=Label(e,text="Destination : ",font=["Algerian","18"],bg="lemon chiffon")

l4.place(x=10,y=290)

l5=Label(e,text="Container Dimensions : ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=10,y=355)

l6=Label(e,text="Mode of Transport : ",font=["Algerian","18"],bg="lemon chiffon")

l6.place(x=10,y=425)

l7=Label(e,text="Payment Amount : ",font=["Algerian","18"],bg="lemon chiffon")

l7.place(x=10,y=490)

e1=Entry(e,text="",font='14',width=14)

e1.place(x=370,y=80)

e2=Entry(e,text="",font='14',width=14)

e2.place(x=370,y=150)

e3=Entry(e,text="",font='14',width=14)

e3.place(x=370,y=220)

e4=Entry(e,text="",font='14',width=14)

e4.place(x=370,y=290)

e5=Entry(e,text="",font='14',width=14)

e5.place(x=370,y=360)

e6=Entry(e,text="",font='14',width=14)

e6.place(x=370,y=430)

e7=Entry(e,text="",font='14',width=14)

e7.place(x=370,y=490)

l = Label(e, text = 'DELETE IMPORT DETAILS',font=["Lucida Calligraphy",'20'],bg='brown',fg='snow')

l.place(x=125,y=10)

fet\_btn=Button(e,text = 'FETCH',command=fetch,bg='gold',bd=1,height=2,width=10)

fet\_btn.place(x=550,y=440)

add\_btn=Button(e,text = 'DELETE',command=submit,bg='gold',bd=1,height=2,width=10)

add\_btn.place(x=550,y=490)

e.title("DELETE IMPORT DETAILS")

e.geometry("650x550+350+150")

e.resizable(0,0)

e.config(bg='brown')

e.mainloop()

def ret():

a.destroy()

l = Label(a, text = 'EDIT IMPORT DETAILS',font=["Lucida Calligraphy",'20'],bg='brown',fg='lemon chiffon')

l.place(x=150,y=50)

ins=Button(a,text = 'Insert Import Details',command=insert,bg='lemon chiffon',bd=1,height=4,width=20)

ins.place(x=10,y=250)

upd=Button(a,text = 'Fetch Import Details',command=fetch,bg='lemon chiffon',bd=1,height=4,width=20)

upd.place(x=170,y=250)

de=Button(a,text = 'Update Import Details',command=update,bg='lemon chiffon',bd=1,height=4,width=20)

de.place(x=330,y=250)

ins=Button(a,text = 'Delete Import Details',command=delete,bg='lemon chiffon',bd=1,height=4,width=20)

ins.place(x=490,y=250)

r=Button(a,text="Return to Main Window",command=ret,bg='brown',fg='lemon chiffon',bd=0,height=1)

r.place(x=500,y=10)

a.title("IMPORT TABLE EDIT PAGE")

a.geometry("650x550+350+150")

a.resizable(0,0)

a.config(bg='brown')

a.mainloop()

#Editing table Export

def exp():

a=Tk()

#Inserting into Export

def insert():

b=Tk()

def submit():

if (e2.get()=="" or e3.get()=="" or e4.get()=="" or e5.get()=="" or e6.get()=="" or e7.get()==""):

messagebox.showerror(parent=b,title="ERROR",message="Please Enter all the details")

else:

try:

sql="insert into export values (%s,%s,%s,%s,%s,%s,%s) "

values=e1.get(),e2.get(),e3.get(),e4.get(),e5.get(),e6.get(),e7.get()

cursor.execute(sql,values)

connection.commit()

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

messagebox.showinfo(parent=b,title="SUCCESS",message="Details inserted successfully")

b.destroy()

except:

messagebox.showerror(parent=b,title="ERROR",message="Couldn't Enter the details")

l1=Label(b,text="Billing ID : ",font=["Algerian","18"],bg="lemon chiffon")

l1.place(x=10,y=80)

l2=Label(b,text="Carrier Name : ",font=["Algerian","18"],bg="lemon chiffon")

l2.place(x=10,y=145)

l3=Label(b,text="Origin : ",font=["Algerian","18"],bg="lemon chiffon")

l3.place(x=10,y=215)

l4=Label(b,text="Destination : ",font=["Algerian","18"],bg="lemon chiffon")

l4.place(x=10,y=290)

l5=Label(b,text="Container Dimensions : ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=10,y=355)

l6=Label(b,text="Mode of Transport : ",font=["Algerian","18"],bg="lemon chiffon")

l6.place(x=10,y=425)

l7=Label(b,text="Payment Amount : ",font=["Algerian","18"],bg="lemon chiffon")

l7.place(x=10,y=490)

e1=Entry(b,text="",font='14',width=14)

e1.place(x=370,y=80)

sql="select max(Billing\_ID) from export"

cursor.execute(sql)

a=cursor.fetchall()

if a[0][0]==None:

c=1000

e1["state"] = "normal"

e1.insert('end',c)

e1["state"] = "disabled"

else:

c=a[0][0]+1

e1["state"] = "normal"

e1.insert('end',c)

e1["state"] = "disabled"

e2=Entry(b,text="",font='14',width=14)

e2.place(x=370,y=150)

e3=Entry(b,text="",font='14',width=14)

e3.place(x=370,y=220)

e4=Entry(b,text="",font='14',width=14)

e4.place(x=370,y=290)

e5=Entry(b,text="",font='14',width=14)

e5.place(x=370,y=360)

e6=ttk.Combobox(b,font='14',width=12,state="readonly")

e6['values']=("Seaways","Airways","Roadways")

e6.place(x=370,y=430)

e7=Entry(b,text="",font='14',width=14)

e7.place(x=370,y=490)

l = Label(b, text = 'INSERT EXPORT DETAILS',font=["Lucida Calligraphy",'20'],bg='brown',fg='snow')

l.place(x=125,y=10)

add\_btn=Button(b,text = 'INSERT',command=submit,bg='gold',bd=1,height=2,width=10)

b.bind('<Return>', lambda i : submit())

add\_btn.place(x=550,y=490)

b.title("INSERT EXPORT DETAILS")

b.geometry("650x550+350+150")

b.resizable(0,0)

b.config(bg='brown')

b.mainloop()

#Updating Export

def update():

messagebox.showinfo(parent=a,title="INFORMATION",message="Enter Billing ID to fetch and update the details")

c=Tk()

def reset():

e1["state"]='normal'

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

def fetch():

sql="select \* from export where Billing\_ID='%s'"%(e1.get())

cursor.execute(sql)

rows=cursor.fetchall()

reset()

if len(rows)!=0:

for row in rows:

e1.insert('end',row[0])

e1["state"]='readonly'

e2.insert('end',row[1])

e3.insert('end',row[2])

e4.insert('end',row[3])

e5.insert('end',row[4])

e6["state"]='normal'

e6.insert('end',row[5])

e6["state"]='readonly'

e7.insert('end',row[6])

else:

messagebox.showerror(parent=c,title="Error",message="No details found with Billing ID you entered")

def submit():

try:

sql='update export set Carrier\_Name="%s",Origin="%s",Destination="%s",Container\_Dimensions="%s",Mode\_of\_Transport="%s",Payment\_Amount="%s" where Billing\_ID="%s"'%(e2.get(),e3.get(),e4.get(),e5.get(),e6.get(),e7.get(),e1.get())

cursor.execute(sql)

e1["state"]='normal'

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

messagebox.showinfo(parent=c,title="SUCCESS",message="Details updated successfully")

connection.commit()

c.destroy()

except:

messagebox.showerror(parent=c,title="ERROR",message="Couldn't Update the details")

l1=Label(c,text="Billing ID : ",font=["Algerian","18"],bg="lemon chiffon")

l1.place(x=10,y=80)

l2=Label(c,text="Carrier Name : ",font=["Algerian","18"],bg="lemon chiffon")

l2.place(x=10,y=145)

l3=Label(c,text="Origin : ",font=["Algerian","18"],bg="lemon chiffon")

l3.place(x=10,y=215)

l4=Label(c,text="Destination : ",font=["Algerian","18"],bg="lemon chiffon")

l4.place(x=10,y=290)

l5=Label(c,text="Container Dimensions : ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=10,y=355)

l6=Label(c,text="Mode of Transport : ",font=["Algerian","18"],bg="lemon chiffon")

l6.place(x=10,y=425)

l7=Label(c,text="Payment Amount : ",font=["Algerian","18"],bg="lemon chiffon")

l7.place(x=10,y=490)

e1=Entry(c,text="",font='14',width=14)

e1.place(x=370,y=80)

e2=Entry(c,text="",font='14',width=14)

e2.place(x=370,y=150)

e3=Entry(c,text="",font='14',width=14)

e3.place(x=370,y=220)

e4=Entry(c,text="",font='14',width=14)

e4.place(x=370,y=290)

e5=Entry(c,text="",font='14',width=14)

e5.place(x=370,y=360)

e6=ttk.Combobox(c,font='14',width=12,state="readonly")

e6['values']=("Seaways","Airways","Roadways")

e6.place(x=370,y=430)

e7=Entry(c,text="",font='14',width=14)

e7.place(x=370,y=490)

fet\_btn=Button(c,text = 'FETCH',command=fetch,bg='gold',bd=1,height=2,width=10)

fet\_btn.place(x=550,y=440)

upd\_btn=Button(c,text = 'UPDATE',command=submit,bg='gold',bd=1,height=2,width=10)

upd\_btn.place(x=550,y=490)

res=Button(c,text = 'RESET',command=reset,bg='gold',bd=1,height=2,width=10)

res.place(x=550,y=390)

l = Label(c, text = 'UPDATE EXPORT DETAILS',font=["Lucida Calligraphy",'20'],bg='brown',fg='snow')

l.place(x=125,y=10)

c.title("UPDATE EXPORT DETAILS")

c.geometry("650x550+350+150")

c.resizable(0,0)

c.config(bg='brown')

c.mainloop()

#Fetching from Export

def fetch():

d=Tk()

def fetchmany():

sql="select \* from export where %s='%s' order by %s asc"%(c1.get(),e8.get(),c1.get())

cursor.execute(sql)

row=cursor.fetchall()

if len(row)!=0:

tv.delete(\*tv.get\_children())

for i in row:

tv.insert('','end',values=i)

connection.commit()

e8.delete(0,'end')

elif e8.get()=="":

e8.delete(0,'end')

tv.delete(\*tv.get\_children())

messagebox.showerror(parent=d,title="Error",message="Please Enter Billing ID")

else:

e8.delete(0,'end')

tv.delete(\*tv.get\_children())

messagebox.showerror(parent=d,title="Error",message="No details found with "+c1.get()+" you entered")

def fetchall():

tv.delete(\*tv.get\_children())

sql='select \* from export order by Billing\_ID asc'

cursor.execute(sql)

row=cursor.fetchall()

for i in row:

e8.delete(0,'end')

tv.insert('','end',values=i)

connection.commit()

tv=ttk.Treeview(d,columns=("Billing ID","Carrier Name","Origin","Destination","Container Dimensions","Mode of Transport","Payment Amount"),height=24,selectmode='browse')

tv.place(x=20,y=70)

tv.heading("Billing ID",text="Billing ID")

tv.heading("Carrier Name",text="Carrier Name")

tv.heading("Origin",text="Origin")

tv.heading("Destination",text="Destination")

tv.heading("Container Dimensions",text="Container Dimensions")

tv.heading("Mode of Transport",text="Mode of Transport")

tv.heading("Payment Amount",text="Payment Amount")

tv['show']='headings'

tv.column("Billing ID",width=120)

tv.column("Carrier Name",width=140)

tv.column("Origin",width=120)

tv.column("Destination",width=120)

tv.column("Container Dimensions",width=120)

tv.column("Mode of Transport",width=120)

tv.column("Payment Amount",width=120)

l1=Label(d,text="Search by : ",font=["Lucida Calligraphy","14"],bg='gold')

l1.place(x=10,y=15)

c1=ttk.Combobox(d,font='14',width=12,state="readonly")

c1['values']=("Billing\_ID","Carrier\_Name","Origin","Destination","Container\_Dimensions","Mode\_of\_Transport","Payment\_Amount")

c1.place(x=150,y=15)

s=ttk.Scrollbar(d,orient="vertical",command=tv.yview)

tv.configure(yscroll=s.set)

s.pack(side=RIGHT,fill=Y)

e8=Entry(d,text="",font='14',width=14)

e8.place(x=320,y=17)

fetchall()

fet\_btn=Button(d,text = 'FETCH',command=fetchmany,bg='gold',bd=1,height=2,width=10)

fet\_btn.place(x=505,y=10)

if e8.get()!=None:

d.bind('<Return>', lambda i : fetchmany())

fa=Button(d,text="FETCH ALL",command=fetchall,bg='gold',bd=1,height=2,width=10)

fa.place(x=600,y=10)

d.title("FETCH FROM EXPORT")

d.geometry("920x600+200+100")

d.resizable(0,0)

d.config(bg='brown')

d.mainloop()

#Deleting from Export

def delete():

e=Tk()

def reset():

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

def fetch():

sql="select \* from export where Billing\_ID='%s'"%(e1.get())

cursor.execute(sql)

rows=cursor.fetchall()

reset()

if len(rows)!=0:

for row in rows:

e1.insert('end',row[0])

e1["state"]='readonly'

e2.insert('end',row[1])

e3.insert('end',row[2])

e4.insert('end',row[3])

e5.insert('end',row[4])

e6["state"]='normal'

e6.insert('end',row[5])

e6["state"]='readonly'

e7.insert('end',row[6])

else:

messagebox.showerror(parent=e,title="Error",message="No details found with Billing ID you entered")

def submit():

dele=messagebox.askyesno(parent=e,title="DELETE RECORD CONFIRMATION",message="Would you like to delete the selected Details?")

if dele>0:

sql='delete from export where Billing\_ID="%s"'%(e1.get())

cursor.execute(sql)

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6["state"]='normal'

e6.delete(0,'end')

e6["state"]='readonly'

e7.delete(0,'end')

messagebox.showinfo(parent=e,title="SUCCESS",message="Details Deleted successfully")

connection.commit()

else:

return

e.destroy()

l1=Label(e,text="Billing ID : ",font=["Algerian","18"],bg="lemon chiffon")

l1.place(x=10,y=80)

l2=Label(e,text="Carrier Name : ",font=["Algerian","18"],bg="lemon chiffon")

l2.place(x=10,y=145)

l3=Label(e,text="Origin : ",font=["Algerian","18"],bg="lemon chiffon")

l3.place(x=10,y=215)

l4=Label(e,text="Destination : ",font=["Algerian","18"],bg="lemon chiffon")

l4.place(x=10,y=290)

l5=Label(e,text="Container Dimensions: ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=10,y=355)

l6=Label(e,text="Mode of Transport : ",font=["Algerian","18"],bg="lemon chiffon")

l6.place(x=10,y=425)

l7=Label(e,text="Payment Amount : ",font=["Algerian","18"],bg="lemon chiffon")

l7.place(x=10,y=490)

e1=Entry(e,text="",font='14',width=14)

e1.place(x=370,y=80)

e2=Entry(e,text="",font='14',width=14)

e2.place(x=370,y=150)

e3=Entry(e,text="",font='14',width=14)

e3.place(x=370,y=220)

e4=Entry(e,text="",font='14',width=14)

e4.place(x=370,y=290)

e5=Entry(e,text="",font='14',width=14)

e5.place(x=370,y=360)

e6=Entry(e,text="",font='14',width=14)

e6.place(x=370,y=430)

e7=Entry(e,text="",font='14',width=14)

e7.place(x=370,y=490)

l = Label(e, text = 'DELETE EXPORT DETAILS',font=["Lucida Calligraphy",'20'],fg='snow',bg='brown')

l.place(x=125,y=10)

fet\_btn=Button(e,text = 'FETCH',command=fetch,bg='gold',bd=1,height=2,width=10)

fet\_btn.place(x=550,y=440)

add\_btn=Button(e,text = 'DELETE',command=submit,bg='gold',bd=1,height=2,width=10)

add\_btn.place(x=550,y=490)

e.title("DELETE EXPORT DETAILS")

e.geometry("650x550+350+150")

e.resizable(0,0)

e.config(bg='brown')

e.mainloop()

def ret():

a.destroy()

l = Label(a, text = 'EDIT TABLE EXPORT',font=["Lucida Calligraphy",'20'],bg='brown',fg='lemon chiffon')

l.place(x=170,y=50)

ins=Button(a,text = 'Insert Export Details',command=insert,bg='lemon chiffon',bd=1,height=4,width=20)

ins.place(x=10,y=250)

upd=Button(a,text = 'Fetch Export Details',command=fetch,bg='lemon chiffon',bd=1,height=4,width=20)

upd.place(x=170,y=250)

de=Button(a,text = 'Update Export Details',command=update,bg='lemon chiffon',bd=1,height=4,width=20)

de.place(x=330,y=250)

ins=Button(a,text = 'Delete Export Details',command=delete,bg='lemon chiffon',bd=1,height=4,width=20)

ins.place(x=490,y=250)

r=Button(a,text="Return to Main Window",command=ret,bg='brown',fg='lemon chiffon',bd=0,height=1)

r.place(x=500,y=10)

a.title("EXPORT TABLE EDIT PAGE")

a.geometry("650x550+350+150")

a.resizable(0,0)

a.config(bg='brown')

a.mainloop()

#Editing table Employee

def emp():

a=Tk()

#Inserting New Employee

def insert():

b=Tk()

def submit():

if (e2.get()=="" or e3.get()=="" or e4.get()=="" or e5.get()=="" or e6.get()=="" ):

messagebox.showerror(parent=b,title="ERROR",message="Please Enter all the details")

else:

try:

sql="insert into employee values (%s,%s,%s,%s,%s,%s) "

values=e1.get(),e2.get(),e3.get(),e4.get(),e5.get(),e6.get()

cursor.execute(sql,values)

connection.commit()

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6.delete(0,'end')

messagebox.showinfo(parent=b,title="SUCCESS",message="New Details inserted successfully")

b.destroy()

except:

messagebox.showerror(parent=b,title="ERROR",message="Couldn't insert the values")

l1=Label(b,text="Employee ID : ",font=["Algerian","18"],bg="lemon chiffon")

l1.place(x=15,y=80)

l2=Label(b,text="Employee FirstName : ",font=["Algerian","18"],bg="lemon chiffon")

l2.place(x=15,y=145)

l3=Label(b,text="Employee LastName",font=["Algerian","18"],bg="lemon chiffon")

l3.place(x=15,y=215)

l4=Label(b,text="Date Of Birth(YYYY-MM-DD) : ",font=["Algerian","18"],bg="lemon chiffon")

l4.place(x=15,y=290)

l5=Label(b,text="Employee Designation : ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=15,y=355)

l5=Label(b,text="Employee Phone Number : ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=15,y=420)

e1=Entry(b,text="",font='14',width=14)

e1.place(x=380,y=80)

e2=Entry(b,text="",font='14',width=14)

e2.place(x=380,y=150)

e3=Entry(b,text="",font='14',width=14)

e3.place(x=380,y=220)

sql="select count(\*) from employee"

cursor.execute(sql)

a=cursor.fetchall()

if a[0][0]=="None":

c=1000

e1["state"] = "normal"

e1.insert('end',c)

e1["state"] = "disabled"

else:

c=a[0][0]+1000

e1["state"] = "normal"

e1.insert('end',c)

e1["state"] = "disabled"

e4=Entry(b,text="",font='14',width=14)

e4.place(x=380,y=290)

e5=Entry(b,text="",font='14',width=14)

e5.place(x=380,y=360)

e6=Entry(b,text="",font='14',width=14)

e6.place(x=380,y=425)

l = Label(b, text = 'CREATE A NEW EMPLOYEE',font=["Lucida Calligraphy",'20'],bg='brown',fg='snow')

l.place(x=125,y=10)

add\_btn=Button(b,text = 'INSERT',command=submit,bg='gold',bd=1,height=2,width=10)

b.bind('<Return>', lambda i : submit())

add\_btn.place(x=450,y=490)

b.title("CREATE NEW EMPLOYEE")

b.geometry("650x550+350+150")

b.resizable(0,0)

b.config(bg='brown')

b.mainloop()

#Updating Employee Details

def update():

messagebox.showinfo(parent=a,title="INFORMATION",message="Enter Employee ID to fetch and update the details")

c=Tk()

def reset():

e1["state"]='normal'

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6.delete(0,'end')

def fetch():

sql="select \* from employee where Employee\_ID='%s'"%(e1.get())

cursor.execute(sql)

rows=cursor.fetchall()

reset()

if len(rows)!=0:

for row in rows:

e1.insert('end',row[0])

e1["state"]='readonly'

e2.insert('end',row[1])

e3.insert('end',row[2])

e4.insert('end',row[3])

e5.insert('end',row[4])

e6.insert('end',row[5])

else:

messagebox.showerror(parent=c,title="Error",message="No details found with Employee ID you entered")

def submit():

try:

sql='update employee set Employee\_FName="%s",Employee\_LName="%s",Date\_of\_Birth="%s",Designation="%s",Employee\_PhNo="%s" where Employee\_ID="%s"'%(e2.get(),e3.get(),e4.get(),e5.get(),e6.get(),e1.get())

cursor.execute(sql)

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6.delete(0,'end')

messagebox.showinfo(parent=c,title="SUCCESS",message="Details updated successfully")

connection.commit()

except:

messagebox.showerror(parent=c,title="ERROR",message="Couldn't Update the details")

c.destroy()

l1=Label(c,text="Employee ID : ",font=["Algerian","18"],bg="lemon chiffon")

l1.place(x=15,y=80)

l2=Label(c,text="Employee FirstName : ",font=["Algerian","18"],bg="lemon chiffon")

l2.place(x=15,y=145)

l3=Label(c,text="Employee LastName : ",font=["Algerian","18"],bg="lemon chiffon")

l3.place(x=15,y=215)

l4=Label(c,text="Date Of Birth(YYYY-MM-DD) : ",font=["Algerian","18"],bg="lemon chiffon")

l4.place(x=15,y=290)

l5=Label(c,text="Designation : ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=15,y=355)

l6=Label(c,text="Employee PhNo : ",font=["Algerian","18"],bg="lemon chiffon")

l6.place(x=15,y=420)

e1=Entry(c,text="",font='14',width=14)

e1.place(x=380,y=80)

e2=Entry(c,text="",font='14',width=14)

e2.place(x=380,y=150)

e3=Entry(c,text="",font='14',width=14)

e3.place(x=380,y=220)

e4=Entry(c,text="",font='14',width=14)

e4.place(x=380,y=290)

e5=Entry(c,text="",font='14',width=14)

e5.place(x=380,y=360)

e6=Entry(c,text="",font='14',width=14)

e6.place(x=380,y=425)

fet\_btn=Button(c,text = 'FETCH',command=fetch,bg='gold',bd=1,height=2,width=10)

fet\_btn.place(x=550,y=365)

upd\_btn=Button(c,text = 'UPDATE',command=submit,bg='gold',bd=1,height=2,width=10)

upd\_btn.place(x=550,y=465)

res=Button(c,text = 'RESET',command=reset,bg='gold',bd=1,height=2,width=10)

res.place(x=550,y=415)

l = Label(c, text = 'UPDATE DETAILS OF AN EMPLOYEE',font=["Lucida Calligraphy",'20'],bg='brown',fg='snow')

l.place(x=50,y=10)

c.title("UPDATE EMPLOYEE DETAILS")

c.geometry("650x550+350+150")

c.resizable(0,0)

c.config(bg='brown')

c.mainloop()

#Fetching Employee Details

def fetch():

d=Tk()

def fetchmany():

sql="select \* from employee where %s='%s' order by %s asc"%(c1.get(),e8.get(),c1.get())

cursor.execute(sql)

row=cursor.fetchall()

if len(row)!=0:

tv.delete(\*tv.get\_children())

for i in row:

e8.delete(0,'end')

tv.insert('','end',values=i)

connection.commit()

elif e8.get()=="":

e8.delete(0,'end')

tv.delete(\*tv.get\_children())

messagebox.showerror(parent=d,title="Error",message="Please Enter Billing ID")

else:

e8.delete(0,'end')

tv.delete(\*tv.get\_children())

messagebox.showerror(parent=d,title="Error",message="No details found with "+c1.get()+" you entered")

def fetchall():

tv.delete(\*tv.get\_children())

sql='select \* from Employee order by Employee\_ID asc'

cursor.execute(sql)

row=cursor.fetchall()

for i in row:

e8.delete(0,'end')

tv.insert('','end',values=i)

connection.commit()

tv=ttk.Treeview(d,columns=("Employee ID","Employee FirstName","Employee LastName","Date Of Birth","Designation","Employee PhNo"),height=24,selectmode='browse')

tv.place(x=25,y=70)

tv.heading("Employee ID",text="Employee ID")

tv.heading("Employee FirstName",text="Employee FirstName")

tv.heading("Employee LastName",text="Employee LastName")

tv.heading("Date Of Birth",text="Date Of Birth")

tv.heading("Designation",text="Designation")

tv.heading("Employee PhNo",text="Employee PhNo")

tv['show']='headings'

tv.column("Employee ID",width=140)

tv.column("Employee FirstName",width=140)

tv.column("Employee LastName",width=140)

tv.column("Date Of Birth",width=140)

tv.column("Designation",width=140)

tv.column("Employee PhNo",width=140)

l1=Label(d,text="Search by : ",font=["Lucida Calligraphy","14"],bg='gold')

l1.place(x=10,y=15)

c1=ttk.Combobox(d,font='14',width=12,state="readonly")

c1['values']=("Employee\_ID","Employee\_FName","Employee\_LName","Date\_of\_Birth","Designation","Employee\_PhNo","Year(Date\_of\_Birth)","Month(Date\_of\_Birth)")

c1.place(x=150,y=15)

s=ttk.Scrollbar(d,orient="vertical",command=tv.yview)

tv.configure(yscroll=s.set)

s.pack(side=RIGHT,fill=Y)

e8=Entry(d,text="",font='14',width=14)

e8.place(x=320,y=17)

fetchall()

fet\_btn=Button(d,text = 'FETCH',command=fetchmany,bg='gold',bd=1,height=2,width=10)

fet\_btn.place(x=505,y=10)

if e8.get()!=None:

d.bind('<Return>', lambda i : fetchmany())

fa=Button(d,text="FETCH ALL",command=fetchall,bg='gold',bd=1,height=2,width=10)

fa.place(x=600,y=10)

d.title("FETCH FROM EMPLOYEE")

d.geometry("920x600+200+100")

d.resizable(0,0)

d.config(bg='brown')

d.mainloop()

#Removing an Employee

def delete():

e=Tk()

def reset():

e1["state"]='normal'

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6.delete(0,'end')

def fetch():

sql="select \* from employee where Employee\_ID='%s'"%(e1.get())

cursor.execute(sql)

rows=cursor.fetchall()

reset()

if len(rows)!=0:

for row in rows:

e1.insert('end',row[0])

e1["state"]='readonly'

e2.insert('end',row[1])

e3.insert('end',row[2])

e4.insert('end',row[3])

e5.insert('end',row[4])

e6.insert('end',row[5])

else:

messagebox.showerror(parent=e,title="Error",message="No details found with Employee ID you entered")

def submit():

dele=messagebox.askyesno(parent=e,title="DELETE RECORD CONFIRMATION",message="Would you like to delete the selected Details?")

if dele>0:

sql='delete from employee where Employee\_ID="%s"'%(e1.get())

cursor.execute(sql)

e1.delete(0,'end')

e2.delete(0,'end')

e3.delete(0,'end')

e4.delete(0,'end')

e5.delete(0,'end')

e6.delete(0,'end')

messagebox.showinfo(parent=e,title="SUCCESS",message="Details Deleted successfully")

connection.commit()

else:

return

e.destroy()

l1=Label(e,text="Employee ID : ",font=["Algerian","18"],bg="lemon chiffon")

l1.place(x=15,y=80)

l2=Label(e,text="Employee FirstName : ",font=["Algerian","18"],bg="lemon chiffon")

l2.place(x=15,y=145)

l3=Label(e,text="Employee LastName : ",font=["Algerian","18"],bg="lemon chiffon")

l3.place(x=15,y=215)

l4=Label(e,text="Date Of Birth(YYYY-MM-DD) : ",font=["Algerian","18"],bg="lemon chiffon")

l4.place(x=15,y=290)

l5=Label(e,text="Designation : ",font=["Algerian","18"],bg="lemon chiffon")

l5.place(x=15,y=355)

l6=Label(e,text="Employee PhNo : ",font=["Algerian","18"],bg="lemon chiffon")

l6.place(x=15,y=420)

e1=Entry(e,text="",font='14',width=14)

e1.place(x=380,y=80)

e2=Entry(e,text="",font='14',width=14)

e2.place(x=380,y=150)

e3=Entry(e,text="",font='14',width=14)

e3.place(x=380,y=220)

e4=Entry(e,text="",font='14',width=14)

e4.place(x=380,y=290)

e5=Entry(e,text="",font='14',width=14)

e5.place(x=380,y=360)

e6=Entry(e,text="",font='14',width=14)

e6.place(x=380,y=425)

l = Label(e, text = 'REMOVE AN EMPLOYEE',font=["Lucida Calligraphy",'20'],bg='brown',fg='snow')

l.place(x=125,y=10)

fet\_btn=Button(e,text = 'FETCH',command=fetch,bg='gold',bd=1,height=2,width=10)

fet\_btn.place(x=550,y=420)

add\_btn=Button(e,text = 'REMOVE',command=submit,bg='gold',bd=1,height=2,width=10)

add\_btn.place(x=550,y=470)

e.title("REMOVE AN EMLOYEE")

e.geometry("650x550+350+150")

e.resizable(0,0)

e.config(bg='brown')

e.mainloop()

def ret():

a.destroy()

l = Label(a, text = 'EDIT TABLE EMPLOYEE',font=["Lucida Calligraphy",'20'],bg='brown',fg='lemon chiffon')

l.place(x=150,y=50)

ins=Button(a,text = 'Insert Employee Details',command=insert,bg='lemon chiffon',bd=1,height=4,width=20)

ins.place(x=10,y=250)

upd=Button(a,text = 'Fetch Employee Details',command=fetch,bg='lemon chiffon',bd=1,height=4,width=20)

upd.place(x=170,y=250)

de=Button(a,text = 'Update Employee Details',command=update,bg='lemon chiffon',bd=1,height=4,width=20)

de.place(x=330,y=250)

ins=Button(a,text = 'Remove an Employee',command=delete,bg='lemon chiffon',bd=1,height=4,width=20)

ins.place(x=490,y=250)

r=Button(a,text="Return to Main Window",command=ret,bg='brown',fg='lemon chiffon',bd=0,height=1)

r.place(x=500,y=10)

a.title("EMPLOYEE TABLE EDIT PAGE")

a.geometry("650x550+350+150")

a.resizable(0,0)

a.config(bg='brown')

a.mainloop()

'''def setting():

wint=Tk()

def lh():

a=Tk()

tv=ttk.Treeview(a,columns=("Username","Password","Login Time"),height=13,selectmode='browse')

tv.place(x=15,y=15)

tv.heading("Username",text="Username")

tv.heading("Password",text="Password")

tv.heading("Login Time",text="Login Time")

tv['show']='headings'

tv.column("Username",width=150)

tv.column("Password",width=150)

tv.column("Login Time",width=150)

s=ttk.Scrollbar(a,orient="vertical",command=tv.yview)

tv.configure(yscroll=s.set)

s.pack(side=RIGHT,fill=Y)

tv.delete(\*tv.get\_children())

sql='select \* from login order by Login\_Time asc'

cursor.execute(sql)

row=cursor.fetchall()

for i in row:

tv.insert('','end',values=i)

connection.commit()

def de():

dele=messagebox.askyesno(parent=a,title="DELETE LOGIN HISTORY CONFIRMATION",message="Are you sure you want to delete Login History?")

if dele>0:

sql='truncate table login'

cursor.execute(sql)

connection.commit()

tv.delete(\*tv.get\_children())

messagebox.showinfo(parent=a,title='SUCCESS',message="Login History Deleted successfully")

a.destroy()

else:

return

d=Button(a,text="Delete History",command=de,width=10)

d.place(x=400,y=315)

a.title("LOGIN HISTORY")

a.geometry("500x350+450+250")

a.resizable(0,0)

a.config(bg='brown')

a.mainloop()

def dele():

dele=messagebox.askyesno(parent=win,title="DELETE USER CONFIRMATION",message="Are you sure you want to delete current user?")

if dele>0:

sql='drop table import,export,employee,login'

cursor.execute(sql)

connection.commit()

c=open('up.txt','w')

c.truncate()

c.close()

messagebox.showinfo(parent=win,title="SUCCESS",message="Current User deleted successfully")

wint.destroy()

win.destroy()

else:

return

def upd():

wind=Tk()

def sub():

username=name.get()

password=passw.get()

np=key.get()

cn=na.get()

if name.get()=="" or passw.get()=="" or conpas.get()=="" or key.get()=="" or na.get()=="":

messagebox.showerror(parent=wind,title="ERROR",message="Please Enter all the details")

elif passw.get()!=conpas.get():

messagebox.showerror(parent=wind,title="ERROR",message="Password's aren't same Please Check")

passw.delete(0,'end')

conpas.delete(0,'end')

elif key.get().isdigit()==False:

messagebox.showerror(parent=wind,title="ERROR",message="Please Enter a Pin Number.\nYou have Entered an alphabet")

elif passw.get()==conpas.get() and key.get().isdigit():

b=open("up.txt","w")

b.write(username+"\n")

b.write(password+"\n")

b.write(np+"\n")

b.write(cn)

b.close()

name.delete(0,'end')

passw.delete(0,'end')

conpas.delete(0,'end')

key.delete(0,'end')

na.delete(0,'end')

messagebox.showinfo(parent=wind,title="SUCCESS",message="User Details Updated successfully")

messagebox.showinfo(parent=wind,title="Information",message="Please Relaunch your Application to save the details")

wind.destroy()

else:

return

name\_label = Label(wind, text = 'Username : ',font='14',bg='lemon chiffon')

name\_label.place(x=50,y=65)

name = Entry(wind,text = "",font='14',width=14,justify=LEFT)

name.place(x=275,y=65)

passw\_label = Label(wind,text = 'Password : ',font='14',bg='lemon chiffon')

passw\_label.place(x=50,y=105)

passw=Entry(wind,text = "",show="\*",font='14',width=14,justify=LEFT)

passw.place(x=275,y=105)

conpas\_label=Label(wind,text = 'Confirm Password : ',font='14',bg='lemon chiffon')

conpas\_label.place(x=50,y=145)

conpas=Entry(wind,text = "",show="\*",font='14',width=14,justify=LEFT)

conpas.place(x=275,y=145)

key\_label = Label(wind, text = 'Set a Pin Number : ',font='14',bg='lemon chiffon')

key\_label.place(x=50,y=185)

key = Entry(wind,text = "",show="\*",font='14',width=14,justify=LEFT)

key.place(x=275,y=185)

na\_label = Label(wind, text = 'Company Name : ',font='14',bg='lemon chiffon')

na\_label.place(x=50,y=225)

na = Entry(wind,text = "",font='14',width=14,justify=LEFT)

na.place(x=275,y=225)

def sp():

if c.get()==1:

c.set(0)

passw.config(show="")

conpas.config(show="")

key.config(show="")

elif c.get()==0:

c.set(1)

passw.config(show="\*")

conpas.config(show="\*")

key.config(show="\*")

c=IntVar()

c.set(1)

sp\_btn=Checkbutton(wind,text='Show Password & Pin',command=sp,onvalue=0,offvalue=1,variable=c,width=16,font='Arial 10',bg='brown')

sp\_btn.place(x=80,y=270)

login\_btn=Button(wind,text = 'Save Changes',command=sub,bg='lemon chiffon',bd=1,width=13)

wind.bind('<Return>', lambda i : sub())

login\_btn.place(x=330,y=270)

with open("up.txt", "r") as fd:

j = fd.read().splitlines()

if len(j)!=0:

name.insert('end',j[0])

passw.insert('end',j[1])

conpas.insert('end',j[1])

key.insert('end',j[2])

na.insert('end',j[3])

wind.title("UPDATE USER DETAILS")

wind.geometry("500x350+450+250")

wind.resizable(0, 0)

wind.config(bg='brown')

wind.mainloop()

l=Label(wint,text="User Settings",bg="brown",fg="Gold",font='Algerian 24',bd=1)

l.place(x=140,y=20)

f1=Frame(wint,height=250,width=400)

f1.place(x=50,y=70)

u=Button(f1,text="Update User \nDetails",command=upd,fg="brown",font='10',bg="snow",height=2,bd=0)

u.place(x=140,y=170)

d=Button(f1,text="Delete User",command=dele,fg="brown",bg="snow",font='10',width=10,height=2,bd=0)

d.place(x=140,y=90)

l=Button(f1,text="Login History",command=lh,fg="brown",bg="snow",font='10',width=10,height=2,bd=0)

l.place(x=140,y=10)

wint.title("USER SETTINGS")

wint.geometry("500x350+450+250")

wint.resizable(0,0)

wint.config(bg='brown')

wint.mainloop()'''

def logout():

dele=messagebox.askyesno(parent=win,title="LOG OUT CONFIRMATION",message="Are you sure you want to logout?")

if dele>0:

win.destroy()

else:

return

#Label and Buttons for second window

l = Label(win, text = 'CHOOSE YOUR TABLE HERE',font=["Lucida Calligraphy",'20'],bg='brown',fg='lemon chiffon')

l.place(x=100,y=50)

imp=Button(win,text = 'IMPORT',command=imp,bg='lemon chiffon',bd=1,height=4,width=20)

imp.place(x=250,y=150)

exp=Button(win,text = 'EXPORT',command=exp,bg='lemon chiffon',bd=1,height=4,width=20)

exp.place(x=250,y=250)

emp=Button(win,text = 'EMPLOYEE',command=emp,bg='lemon chiffon',bd=1,height=4,width=20)

emp.place(x=250,y=350)

v=Label(win,text="CMS version 1.1",bg="brown",font=(None,12))

v.place(x=520,y=520)

'''l=Button(win,text="User Settings",command=setting,bg="brown",fg="snow",width=10,height=2,bd=0)

l.place(x=20,y=500)'''

lo=Button(win,text="Logout",command=logout,bg='brown',fg='lemon chiffon',font="1",bd=0,height=1)

lo.place(x=560,y=10)

win.title("CARGO MANAGEMENT SYSTEM EDIT PAGE")

win.geometry("650x550+350+150")

win.resizable(0,0)

win.config(bg='brown')

win.mainloop()

elif (name\_entry.get() =="") and (passw\_entry.get() ==""):

messagebox.showerror("Error","Please Enter your Username and Password")

elif (name\_entry.get() =="") :

messagebox.showerror("Error","Please Enter your Username")

elif (passw\_entry.get() =="") :

messagebox.showerror("Error","Please Enter your Password")

elif (name\_entry.get() !=i[0]) and (passw\_entry.get() !=i[1]):

messagebox.showerror("Error","The Username and Password you Entered is Incorrect")

name\_entry.delete(0,'end')

passw\_entry.delete(0,'end')

elif (passw\_entry.get() !=i[1]) :

passw\_entry.delete(0,'end')

messagebox.showerror("Error","The Password you Entered is Incorrect")

elif name\_entry.get() != i[0]:

messagebox.showerror("Error","The Username you Entered does not Exist")

name\_entry.delete(0,'end')

#About this software

def info():

at=Tk()

#Opening and reading a text file

a=open("info.txt","r")

c=a.read()

a.close()

info\_lbl=Label(at,text="About this Software : ",font=['Ink Free','20','bold'],bg='brown',fg='gold')

info\_lbl.place(x=10,y=10)

con=Text(at,font=['Ink Free','14','bold'],bg='brown',fg='snow',height=14,width=40,bd=0)

con.insert('end',c)

s=ttk.Scrollbar(at,orient="vertical",command=con.yview)

con.configure(yscroll=s.set)

s.pack(side=RIGHT,fill=Y)

con.place(x=10,y=60)

at.title("About this Software")

at.geometry("530x400+275+175")

at.resizable(0, 0)

at.config(bg='brown')

at.mainloop()

#Function for Forgot Password

def forpas():

at=Tk()

def submit():

if (npn.get()==i[2]):

messagebox.showinfo("Information","Your Password is "+i[1])

at.destroy()

elif (npn.get()) =="":

messagebox.showerror("Error","Please enter your Pin Number to fetch Password")

elif (npn.get()) !=i[2] :

messagebox.showerror("Error","The Pin Number you entered is incorrect")

at.destroy()

def info():

messagebox.showinfo(parent=at,title="Information",message="Please enter the pin number you entered while registering yourself")

wl=Label(at, text = 'Verify Your Pin Number',font='18',fg='lemon chiffon',bg='brown')

wl.place(x=110,y=30)

np\_label = Label(at, text = 'Pin Number : ',font='14',bg='lemon chiffon')

np\_label.place(x=50,y=125)

npn = Entry(at,text = "",show = '\*',font='14',width=14)

npn.place(x=195,y=125)

sub\_btn=Button(at,text = 'Verify Pin',command=submit,bg='lemon chiffon',bd=1)

at.bind('<Return>', lambda i : submit())

sub\_btn.place(x=250,y=200)

c=Button(at,text=" ? ",command=info,bg='lemon chiffon',bd=1)

c.place(x=360,y=127)

at.title("FORGOT PASSWORD")

at.geometry("400x300+400+200")

at.resizable(0, 0)

at.config(bg='brown')

at.mainloop()

#Defining Labels and Buttons for Login page

welcome\_label = Label(window, text ='Cargo Management System',font=['Ink Free','22','bold'],bg='brown',fg="lemon chiffon",width=38)

welcome\_label.place(x=5,y=40)

name\_label = Label(window, text = 'Username : ',font="Arial 16 bold italic",fg='lemon chiffon',bg='brown')

name\_label.place(x=70,y=320)

name\_entry = Entry(window,text='',font="14",width=14,justify=LEFT)

name\_entry.place(x=200,y=325)

passw\_label = Label(window,text = 'Password : ',font="Arial 16 bold italic",fg='lemon chiffon',bg='brown')

passw\_label.place(x=70,y=360)

passw\_entry=Entry(window,text='',show = '\*',font="14",width=14,justify=LEFT)

passw\_entry.place(x=200,y=365)

'''def sp():

if c.get()==1:

passw\_entry.config(show="")

elif c.get()==0:

passw\_entry.config(show="\*")

c=IntVar()

sp\_btn=Checkbutton(window,text='Show Password',command=sp,onvalue=1,offvalue=0,variable=c,width=13,font='Arial 10',bg='brown')

sp\_btn.place(x=475,y=370)'''

login\_btn=Button(window,text = 'Login Here',command=login,bg='lemon chiffon',bd=1,height=2,width=14)

login\_btn.place(x=475,y=320)

for\_btn=Button(window,text = 'Forgot Password',command=forpas,bg='lemon chiffon',bd=1,height=2,width=14)

for\_btn.place(x=475,y=270)

reg=Button(window,text='Register here',command=register,bg='lemon chiffon',bd=1,height=2,width=14)

reg.place(x=475,y=220)

if len(i)!=4:

login\_btn["state"]="disabled"

for\_btn["state"]="disabled"

if len(i)==4:

reg["state"]="disabled"

for\_btn["state"]="normal"

welcome\_label.config(text=i[3]+"\nCargo Management System")

v=Label(window,text="CMS version 1.1",bg="brown",font=(None,12))

v.place(x=520,y=520)

info=Button(window,text='Click here to view\nabout this software',command=info,bg='brown',fg="lemon chiffon",bd=0)

info.place(x=20,y=500)

if len(i)==4:

window.bind('<Return>', lambda i : login())

elif len(i)!=4:

window.bind('<Return>', lambda i : register())

#Inserting an Image

b=PhotoImage(file='E:\\My file 1\\CMS Project Files\\images.png')

lbl=Label(window,image=b)

lbl.place(x=140,y=150)

window.title("WELCOME TO CARGO MANAGEMENT SYSTEM")

window.geometry("650x550+350+150")

window.resizable(0,0)

window.config(bg='brown')

window.mainloop()

#=================PROGRAM OVER THANK YOU================#