

tkinter programming with sqlite database:

ex1:

emptable.py

```
import sqlite3
conn_obj=sqlite3.connect("employee.db")
print("connection establish")
cur_obj=conn_obj.cursor()
cur_obj.execute("""create table emp(eid number,ename string,
eadd string,sal double(6,2))""")
print("table created successfully")
cur_obj.close()
conn_obj.close()
print("connection closeing")
```

output

```
connection establish
table created successfully
connection closeing
```

insert.py

```
from tkinter import *
from tkinter import messagebox
import sqlite3
window=Tk()
window.geometry("1000x900")
window['bg']="powderblue"
window.title('Vagdevi Technologies and Entri App')
window.iconbitmap('vt.ico')
def insert():
    e1=eid.get()
    e2=ename.get()
    e3=eadd.get()
    e4=esal.get()
    conn_obj=sqlite3.connect("employee.db")
    cur_obj=conn_obj.cursor()
    cur_obj.execute("insert into emp(eid,ename,eadd,sal)\
values(?,?,?,?)",(e1,e2,e3,e4))
    cur_obj.execute("commit")
    messagebox.showinfo("report","inserted successfully")
    eid.set(0)
    ename.set('')
    eadd.set('')
    esal.set(0.0)
```

```
L=Label(window,
```

```

        text="welcome to Vagdevi Technologies and Entri app",
        fg="red",bg="yellow",font=("elephant",20,"italic"))
eid=IntVar()
ename=StringVar()
eadd=StringVar()
esal=DoubleVar()

L.pack()
L1=Label(window,text="Enter employe Id: ",fg="red",font=20)
L1.place(x=10,y=50)
E1=Entry(window,bd=5,fg="blue",font=20,textvariable=eid)
E1.place(x=200,y=50)
L2=Label(window,text="Enter employe Name: ",fg="red",font=20)
L2.place(x=10,y=100)
E2=Entry(window,bd=5,fg="blue",font=20,textvariable=ename)
E2.place(x=200,y=100)
L3=Label(window,text="Enter employe Address: ",fg="red",font=20)
L3.place(x=10,y=150)
E3=Entry(window,bd=5,fg="blue",font=20,textvariable=eadd)
E3.place(x=200,y=150)
L4=Label(window,text="Enter employe salary: ",fg="red",font=20)
L4.place(x=10,y=200)
E4=Entry(window,bd=5,fg="blue",font=20,textvariable=esal)
E4.place(x=200,y=200)
B=Button(window,text="insert",command=insert)
B.place(x=200,y=250)
window.mainloop()

```

empdataretrieve.py

```

-----
import sqlite3
conn_obj=sqlite3.connect("employee.db")
print("connection establish")
cur_obj=conn_obj.cursor()
cur_obj.execute("select * from emp")
for rec in cur_obj:
    print(rec)
cur_obj.close()
conn_obj.close()
print("connection closeing")

```