```
from tkinter import *
import tkinter.messagebox as MessageBox
import mysql.connector as mysql

# Thank you for watching !

# Create Tkinter window
root = Tk()
root.geometry("500x300")
root.title("MySQL CRUD Operations")

# Insert function
def Insert():
    id = id_entry.get()
    name = name_entry.get()
    phone = phone_entry.get()

    if(id == "" or name == "" or phone == ""):
        MessageBox.showinfo("ALERT", "Please enter all fields")
    else:
        con = mysql.connect(host="localhost", user="your database username", password="your password", database="your
database name")
        cursor = con.cursor()
        cursor.execute("insert into Person values('" + id +"', '"+ name +"', '" + phone +"')")
        cursor.execute("commit")

        MessageBox.showinfo("Status", "Successfully Inserted")
        con.close();
        #Lets RUN this one. Cool! this is working

#Now, lets implement delete function
def Del():

    if(id_entry.get() == ""):
        MessageBox.showinfo("ALERT", "Please enter ID to delete row")
    else:
        con = mysql.connect(host="localhost", user="your database username", password="your password", database="your
database name")
        cursor = con.cursor()
        cursor.execute("delete from Person where id='"+ id_entry.get() +"'")
        cursor.execute("commit");

        id_entry.delete(0, 'end')
        name_entry.delete(0, 'end')
        phone_entry.delete(0, 'end')

        MessageBox.showinfo("Status", "Successfully Deleted")
        con.close();

# Update funcation
def Update():
    id = id_entry.get()
    name = name_entry.get()
    phone = phone_entry.get()

    if(name == "" or phone == ""):
        MessageBox.showinfo("ALERT", "Please enter fiels you want to update!")
    else:
        con = mysql.connect(host="localhost", user="your database username", password="your password", database="your
database name")
        cursor = con.cursor()
        cursor.execute("update Person set name = '"+ name +"', phone='"+ phone +"' where id ='"+ id +"'")
        cursor.execute("commit");

        MessageBox.showinfo("Status", "Successfully Updated")
        con.close();
```

```
# Select function
def Select():

   if(id_entry.get() == ""):
      MessageBox.showinfo("ALERT","ID is required to select row!")
   else:
      con = mysql.connect(host="localhost", user="your database username", password="your password", database="your
database name")
      cursor = con.cursor()
      cursor.execute("select * from Person where id= '" + id_entry.get() +"'")
      rows = cursor.fetchall()

      for row in rows:
         name_entry.insert(0, row[1])
         phone_entry.insert(0, row[2])

      con.close();

# Now we will add labels and entry box or inputs

id = Label(root, text="Enter ID:", font=("verdana 15"))
id.place(x=50, y=30)
id_entry = Entry(root, font=("verdana 15"))
id_entry.place(x=150, y=30)

name = Label(root, text="Name:", font=("verdana 15"))
name.place(x=50, y=80)
name_entry = Entry(root, font=("verdana 15"))
name_entry.place(x=150, y=80)

phone = Label(root, text="Phone:", font=("verdana 15"))
phone.place(x=50, y=130)
phone_entry= Entry(root, font=("verdana 15"))
phone_entry.place(x=150, y=130)

btnInsert = Button(root, text="Insert", command=Insert, font=("verdana 15")).place(x=100, y=190)
btnDelete = Button(root, text="Delete", command=Del, font=("verdana 15")).place(x=200, y=190)
btnUpdate = Button(root, text="Update", command=Update, font=("verdana 15")).place(x=320, y=190)
btnSelect= Button(root, text="Select", command=Select, font=("verdana 15")).place(x=200, y=240)

root.mainloop()
```