

```
In [ ]: #STEP1
import sqlite3
conn=sqlite3.connect("student.db")
print("Database created successfully")
```

Database created successfully

```
In [ ]: #STEP 2
import sqlite3
conn=sqlite3.connect("student.db")
print("Database Opened successfully")
conn.execute("""
CREATE TABLE ADMIN2(
ADMIN_ID INTEGER PRIMARY KEY AUTOINCREMENT NOT NULL ,
USERNAME TEXT NOT NULL,
PASSWORD TEXT NOT NULL)
""")
print ("Table ADMIN created successfully")
```

Database Opened successfully
Table ADMIN created successfully

```
In [ ]: #STEP 3
import sqlite3
conn=sqlite3.connect("student.db")
print("Database Opened successfully")
conn.execute("INSERT INTO ADMIN2(USERNAME,PASSWORD) VALUES ('admin', 'admin007')");
conn.execute("INSERT INTO ADMIN2(USERNAME,PASSWORD) VALUES ('salma', 'salma007')");
conn.commit()
print ("Records inserted successfully")
conn.close()
```

Database Opened successfully
Records inserted successfully

```
In [ ]: #STEP 4
import library
import sqlite3
#open database
conn = sqlite3.connect('student.db')
#display recrod
cursor = conn.execute("SELECT * from ADMIN2")
print("ID\tUSERNAME\tPASSWORD")
for row in cursor:
    print ("{}\t{}\t{}".format(row[0],row[1],row[2]))
conn.close()
```

ID	USERNAME	PASSWORD
1	admin	joel123
2	salma	salma007

```
In [ ]: #STEP 5:
from tkinter import *
#import library
import sqlite3
#open database
#defining login function
def login():
#getting form data
    uname=username.get()
    pwd=password.get()
    nps=npass.get()
    #applying empty validation
    if uname==' ' or pwd==' ':
        message.set("fill the empty field!!!")
    else:
        #open database
        conn = sqlite3.connect('student.db')
        #select query
        cursor = conn.execute('SELECT * from ADMIN2 where USERNAME="%s" and PASSWORD="%s" %(uname,pwd))
#fetch data
        if cursor.fetchone():
            conn = sqlite3.connect('student.db')
            conn.execute("UPDATE ADMIN2 SET PASSWORD = " + "'" +str(nps)+"'" + " WHERE USERNAME = '%s' and PASSWORD='%s'"%(uname,pwd))
            conn.commit()
            message.set("Password change successful")
        else:
            message.set("Wrong username or password!!!")
```

```
In [ ]: ##Step 6
from tkinter import *
#import library
import sqlite3
#defining loginform function
def loginform():
    global login_screen
    login_screen = Tk()
    #Setting title of screen
    login_screen.title("www.Ummesalmam.com")
    #setting height and width of screen
    login_screen.geometry("600x400")
    login_screen["bg"]="#b5245f"
    #declaring variablebg = tk.PhotoImage(file = "plop.png")

# Show image using Label
```

```

bg1 = PhotoImage(file = "plop.png")
label1 = Label( login_screen, image = bg1)
label1.place(x = 0, y = 0)

global message;
global username
global password
global npass
username = StringVar()
password = StringVar()
message=StringVar()
npass = StringVar()

#Creating Layout of Login form
Label(login_screen,width="300", text="Password Change", bg="#1C2833",fg="white",font=("Arial",12,"bold")).pack()
#Username Label
Label(login_screen, text="Username  ",bg="#b5245f",fg="white",font=("Arial",12,"bold")).place(x=20,y=40)
#Username textbox
Entry(login_screen, textvariable=username,bg="#b5245f",fg="white",font=("Arial",12,"bold")).place(x=150,y=42)
#Password Label
Label(login_screen, text="Password  ",bg="#b5245f",fg="white",font=("Arial",12,"bold")).place(x=20,y=80)
#Password textbox
Entry(login_screen, textvariable=password ,show="*",bg="#b5245f",fg="white",font=("Arial",12,"bold")).place(x=150,y=82)
#Label for displaying Login status[success/failed]
Label(login_screen, text="New Password",bg="#b5245f",fg="white",font=("Arial",12,"bold")).place(x=20,y=120)
#Password textbox
Entry(login_screen, textvariable=npass,show="*",bg="#b5245f",fg="white",font=("Arial",12,"bold")).place(x=150,y=122)

Label(login_screen, text="",textvariable=message,bg="#b5245f",fg="white",font=("Arial",12,"bold")).place(x=95,y=160)
#Login button
Button(login_screen, text="Change your password", width=30, height=1, command=login, bg="#0E6655",fg="white",font=("Arial",12,"bold")).
login_screen.mainloop()
#calling function Loginform
Loginform()

```

In []:

In []:

```

#STEP 3
import sqlite3
conn=sqlite3.connect("student.db")
print("Database Opened successfully")
conn.execute("INSERT INTO ADMIN2(USERNAME,PASSWORD) VALUES ('admin', 'admin007')");
conn.commit()
print ("Records inserted successfully")
conn.close()

```

