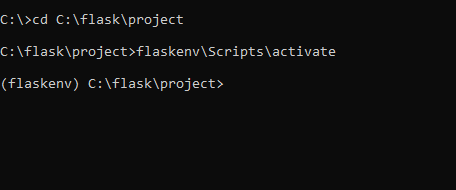
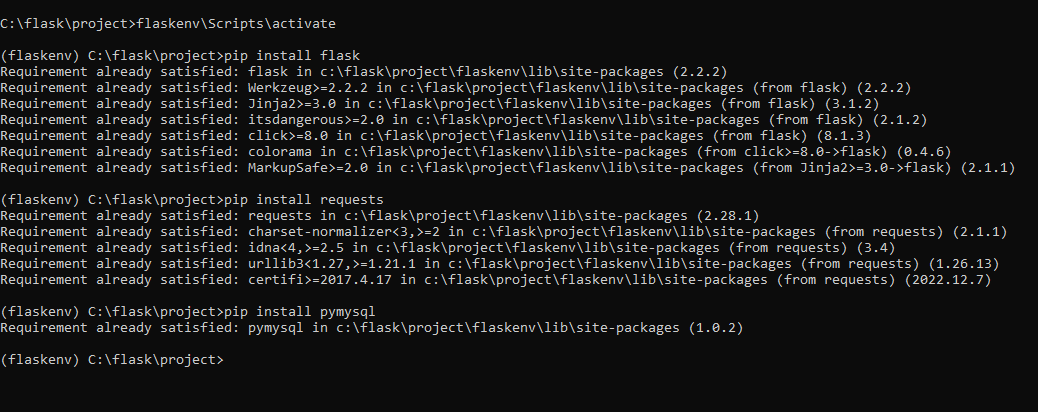
**FLASK PROJECT**

**USING COMMAND PROMPT TO SET THE PATH**



**IMPORTING FLASK,REQUESTS AND PYMYSQL MODULES**



**CREATING A HTML FILE NAMED FIRST.HTML**

**<html>**

**<head>**

**<title>Vehicle Info</title>**

**</head>**

**<body>**

**<h1>Vehicle Info</h1>**

**<br><br>**

**<h1><a href="/form">Create Task</a></h1>**

**<table border="1" align="center">**

**<tr>**

**<th>vehiclenum</th>**

**<th>model</th>**

**<th>owner</th>**

**<th>contact</th>**

**<th>Edit</th>**

**<th>Delete</th>**

**</tr>**

**{%for x in d: %}**

**<tr>**

**<td>{{x.1}}</td>**

**<td>{{x.2}}</td>**

**<td>{{x.3}}</td>**

**<td>{{x.4}}</td>**

**<td><a href="/edit/{{x.0}}">Edit</a></td>**

**<td><a href="/delete/{{x.0}}">Delete</a></td>**

**</tr>**

**{% endfor %}**

**</table>**

**</body>**

**</html>**

**CREATING ANOTHER HTML FILE NAMED AS SECOND.HTML**

**<html>**

**<head>**

**<title>Create</title>**

**</head>**

**<body>**

**<h1>Create</h1>**

**<form method="POST" action="/store">**

**<table>**

**<tr><td>vehiclenum:</td>**

**<td><input type="varchar" name="vehiclenum"></td></tr>**

**<tr><td>model:</td>**

**<td><input type="text" name="model"></td></tr>**

**<tr><td>owner:</td>**

**<td><input type="text" name="owner"></td></tr>**

**<tr><td>contact:</td>**

**<td><input type="int" name="contact"></td></tr>**

**<tr><td></td>**

**<td><input type="submit" name="send" value="Create"></td></tr><td></td>**

**</table>**

**</table>**

**</form>**

**</body>**

**</html>**

**CREATING ANOTHER HTML FILE NAMED AS THIRD.HTML**

**<html>**

**<head>**

**<title>Update</title>**

**</head>**

**<body>**

**<h1>Update</h1>**

**<form method="post" action="/update/{{d.0}}">**

**<table>**

**<tr><td>vehiclenum:</td>**

**<td><input type="varchar" name="vehiclenum" value="{{d.1}}"></tr></td>**

**<tr><td>model:</td>**

**<td><input type="text" name="model" value="{{d.2}}"></tr></td>**

**<tr><td>owner:</td>**

**<td><input type="text" name="owner" value="{{d.3}}"></tr></td>**

**<tr><td>contact:</td>**

**<td><input type="int" name="contact" value="{{d.4}}"></tr></td>**

**<tr><td></td>**

**<td><input type="submit" name="send" value="Update"/></tr><td/>**

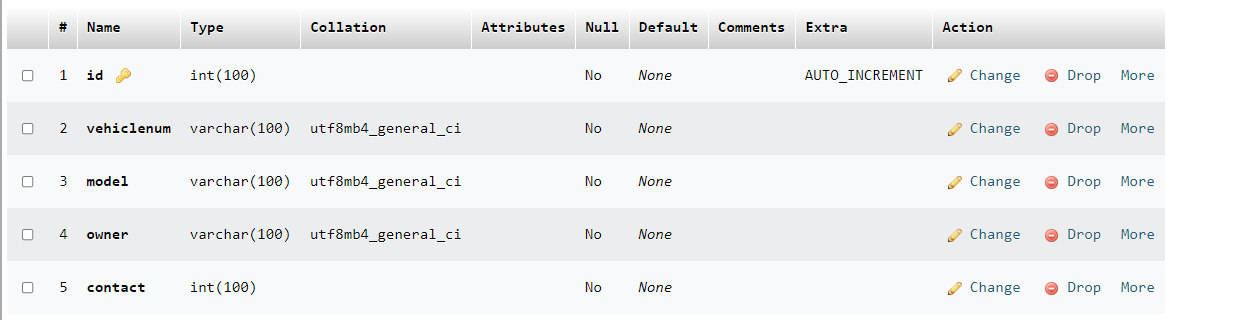
**</table>**

**</form>**

**</body>**

**</html>**

**CREATING A SQL TABLE TO PERFROM THE OPEARTION.**

****

**NOW WE ARE GOING TO CONNECT BACKEND AND FRONTEND USING PYTHON**

**from flask import Flask,render\_template,request,redirect**

**import pymysql**

**#creating object for class Flask**

**app=Flask(\_\_name\_\_)**

**@app.route('/')**

**def index():**

**try:**

**db=pymysql.connect(host="localhost",user="root",password="",database="sanjay")**

**cu=db.cursor()**

**sql="select \* from vehicle"**

**#sql="select \* from task where id=2"**

**cu.execute(sql)**

**data=cu.fetchall()**

**return render\_template('first.html',d=data)**

**except Exception as e:**

**print("Error:",e)**

**@app.route('/form')**

**def create():**

**return render\_template('second.html')**

**@app.route('/store', methods=['POST'])**

**def store():**

**t=request.form['vehiclenum']**

**det=request.form['model']**

**dt=request.form['owner']**

**yt=request.form['contact']**

**try:**

**db=pymysql.connect(host="localhost",user="root",password="",database="sanjay")**

**cu=db.cursor()**

**sql="insert into vehicle(vehiclenum,model,owner,contact)values('{}','{}','{}','{}')".format(t,det,dt,yt)**

**cu.execute(sql)**

**db.commit()**

**return redirect('/')**

**except Exception as e:**

**print("Error:", e)**

**@app.route('/delete/<rid>')**

**def delete(rid):**

**#return "ID is:"+rid**

**try:**

**db=pymysql.connect(host="localhost",user="root",password="",database="sanjay")**

**cu=db.cursor()**

**sql="delete from vehicle where id='{}'".format(rid)**

**cu.execute(sql)**

**db.commit()**

**return redirect('/')**

**except Exception as e:**

**print("Error:",e)**

**@app.route('/edit/<rid>')**

**def edit(rid):**

**#return "ID is:"+rid**

**try:**

**db=pymysql.connect(host="localhost",user="root",password="",database="sanjay")**

**cu=db.cursor()**

**sql="select \* from vehicle where id='{}'".format(rid)**

**cu.execute(sql)**

**data=cu.fetchone()**

**return render\_template('third.html',d=data)**

**except Exception as e:**

**print("Error:",e)**

**@app.route('/update/<rid>',methods=['POST'])**

**def update(rid):**

**#return "ID to be update in db is:"+rid**

**t=request.form['vehiclenum']**

**det=request.form['model']**

**dt=request.form['owner']**

**yt=request.form['contact']**

**#return t+det+dt**

**try:**

**db=pymysql.connect(host="localhost",user="root",password="",database="sanjay")**

**cu=db.cursor()**

**sql="update vehicle SET vehiclenum='{}',model='{}',owner='{}',contact='{}' where id='{}'".format(t,det,dt,yt,rid)**

**cu.execute(sql)**

**db.commit()**

**return redirect('/')**

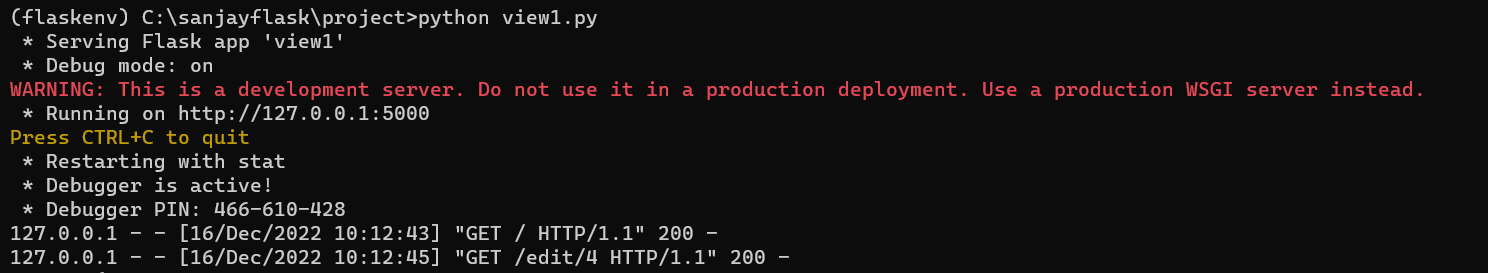
**except Exception as e:**

**print("Error:",e)**

**#accesing class method run-to start a server**

**app.run(debug=True)**

**NOW WE ARE GOING TO RUN THE PROGRAM IN CMD**

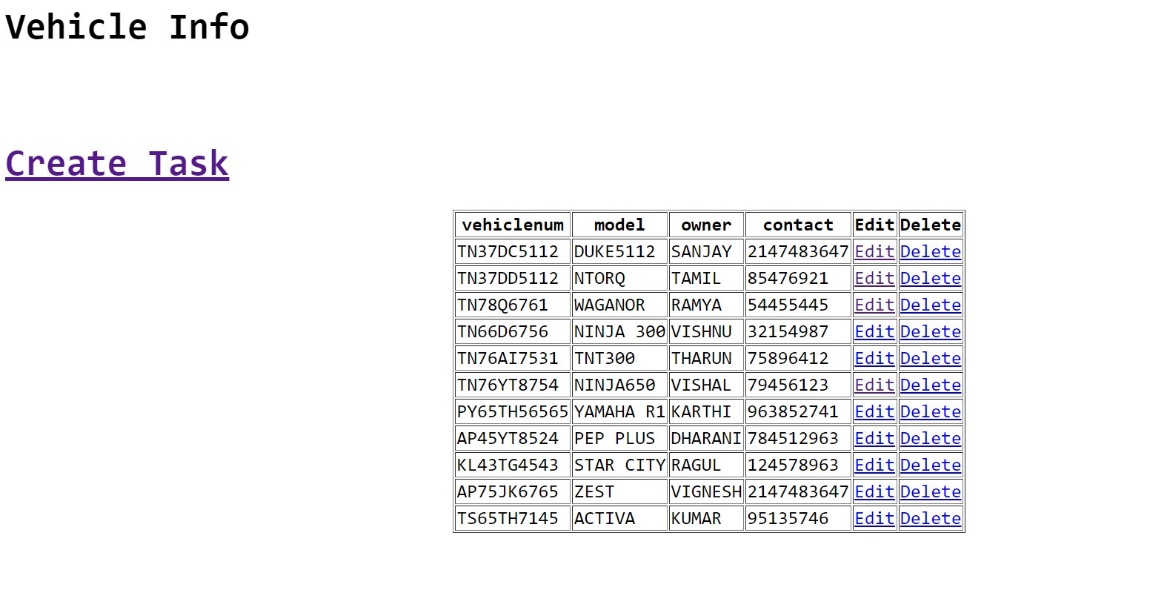
****

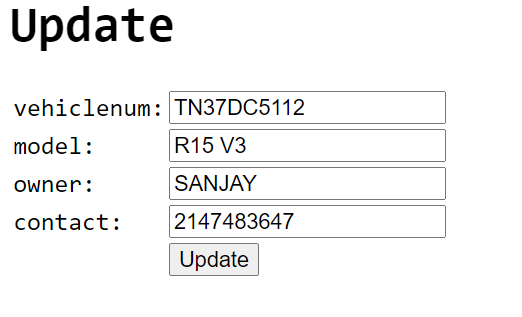
**PASTE THE URL IN YOUR BROWSER**

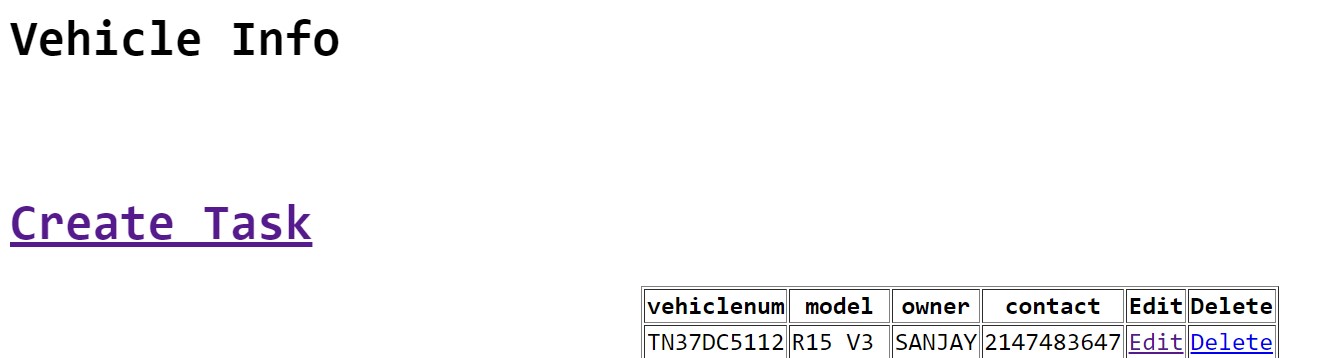
****

****

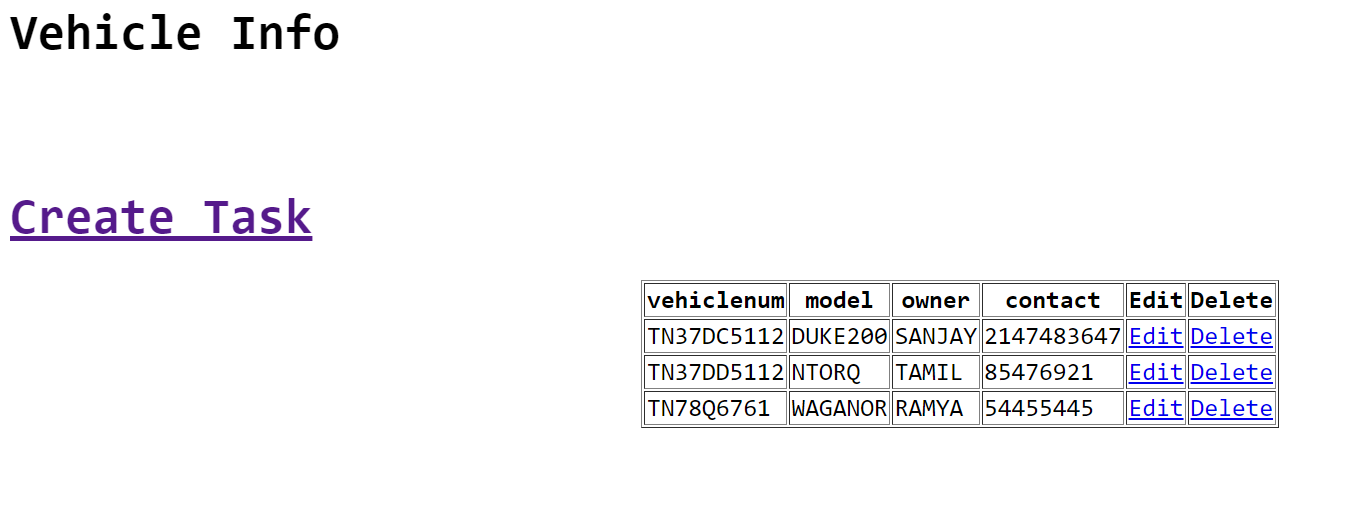
**WE CAN UPDATE,EDIT,DELETE ACCORDING TO OUR NEEDS**

****

****

****

**NOW SEE A ROW IS DELTED**

****

**THE PICTURE SHOWS SUCCESSFUL EXECUTION**

