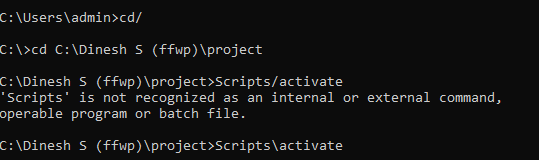
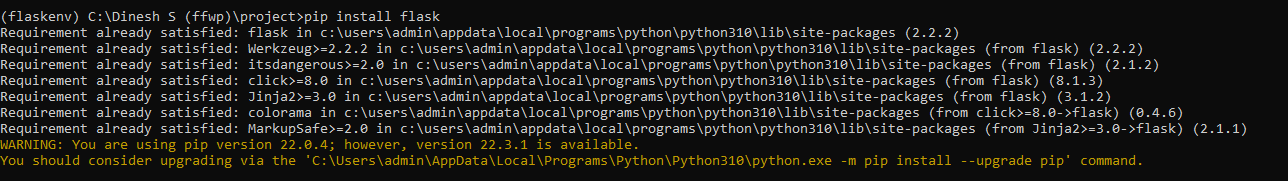
**FLASK PROJECT**

**USING COMMAND PROMPT TO SET THE PATH**

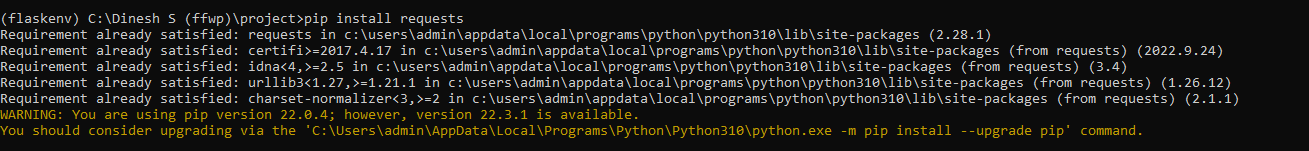


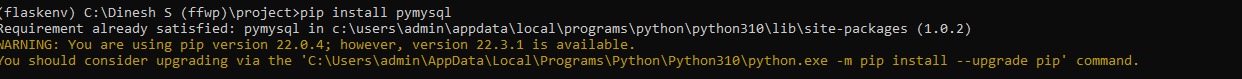
**IMPORTING FLASK,REQUESTS AND PYMYSQL MODULES**

**flask**



**requests**



**pymysql**

**CREATING A HTML FILE NAMED alpha.HTML**

<html>  
 <head>  
 <title>Examination</title>  
 </head>  
 <body>  
 <h1>Examination</h1>  
 <br><br>  
 <h1><a href="/from">CREATE TASK</a></h1>  
  
 <table border ="1"align="center" bgcolor="steelblue">  
 <tr>  
 <th>Student</th>  
 <th>Regno</th>  
 <th>Subject</th>  
 <th>Subcode</th>  
 <th>Department</th>  
 <th>Date</th>  
 <th>Edit</th>  
 <th>Delete</th>  
 </tr>  
 {%for x in d: %}  
 <tr>  
 <td></td>  
 <td></td>  
 <td></td>  
 <td></td>  
 <td></td>  
 <td></td>  
 <td><a href="/edit/{{x.0}}">Edit</a></td>  
 <td><a href="/delete{{x.0}}">Delete</a></td>  
 </tr>  
 {% endfor %}  
 </table>  
 </body>  
</html>

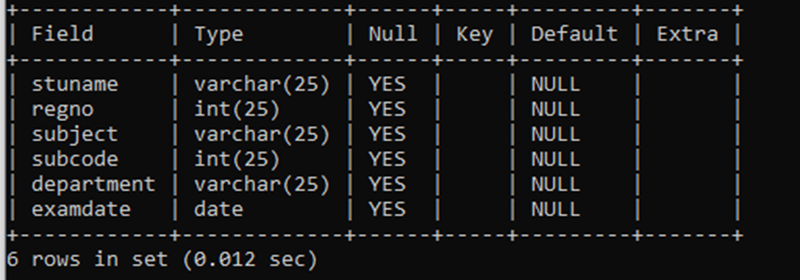
**CREATING ANOTHER HTML FILE NAMED AS beta.HTML**

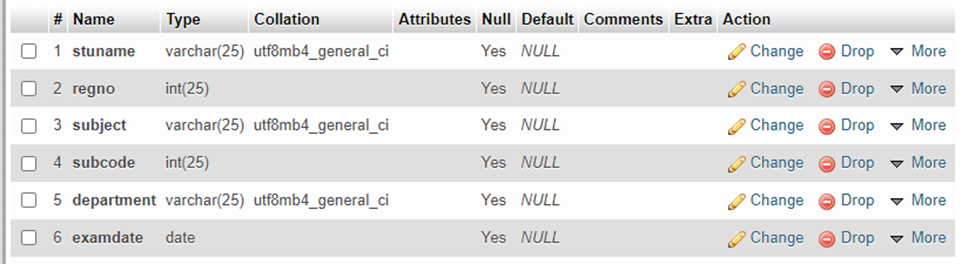
<html>  
 <head>  
 <title>ToDo|CREATE</title>  
 </head>  
 <body>  
 <h1>Create Task</h1>  
 <form method="POST" action="/store">  
 <table bgcolor="steelblue">  
   
 <tr><td>Student:</td>  
 <tr><td><input type="text" name= "student name"/></tr></td>  
  
 <tr><td>Regno:</td>  
 <tr><td><input type="int" no= "register number"/></tr></td>  
  
 <tr><td>Subject:</td>  
 <tr><td><input type="text" name= "subject name"/></tr></td>  
  
 <tr><td>Subcode:</td>  
 <tr><td><input type="int" name= "subject code"/></tr></td>  
   
 <tr><td>Department</td>  
 <tr><td><input type="text" name= "department name"/></tr></td>  
  
 <tr><td>Date:</td>  
 <tr><td><input type="date" name= "exam date"/></tr></td>  
  
 <tr><td></td>  
 <td><input type="submit" name="send" value="create"/></tr></td>  
 </table>  
 </form>  
 </body>  
</html>

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

<html>  
 <head>  
 <title>update</title>  
 </head>  
 <body>  
 <h1>Update task</h1>  
 <form method="post" action="/update/{{d.0}}">  
 <table bgcolor="steelblue">  
 <tr><td>Student:</td>  
 <tr><td><input type="text" name= "student name" value=""/></tr></td>  
  
 <tr><td>Regno:</td>  
 <tr><td><input type="int" no= "register number" value=""/></tr></td>  
  
 <tr><td>Subject:</td>  
 <tr><td><input type="text" name= "subject name" value=""/></tr></td>  
  
 <tr><td>Subcode:</td>  
 <tr><td><input type="int" name= "subject code" value=""/></tr></td>  
   
 <tr><td>Department</td>  
 <tr><td><input type="text" name= "department name" value=""/></tr></td>  
  
 <tr><td>Date:</td>  
 <tr><td><input type="date" name= "exam date" value=""/></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.**

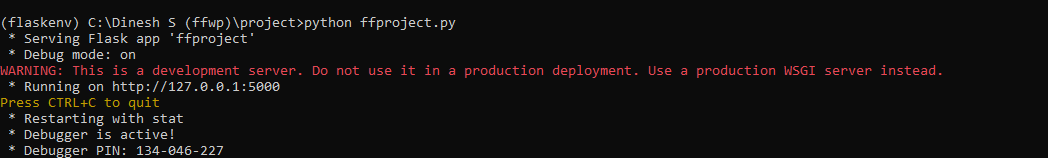
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**CONNECT BACKEND AND FRONTEND USING PYTHON**

#project main file  
from flask import Flask,request,render\_template,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="flask")  
 cu=db.cursor()  
 sql="select \* from examination"  
   
 cu.execute(sql)  
 data=cu.fetchall()  
 return render\_template("alpha.html",d=data)  
 except Exception as e:  
 print("Error:",e)  
   
  
@app.route('/form')  
def create():  
 return render\_template('beta.html')  
   
@app.route('/store', methods=['POST'])  
def store():   
 t=request.form['student']  
 det=request.form['regno']  
 sb=request.form['subject']  
 sc=request.form['subcode']  
 dp=request.form['department']  
 dt=request.form['date']  
 try:  
 db=pymysql.connect(host="localhost",user="root",password="",database="flask")  
 cu=db.cursor()  
 sql="insert into examination(student,regno,subject,subcode,department,date)values('{}','{}','{}','{}','{}','{}')".format(t,det,sb,sc,dp,dt)  
 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="flask")  
 cu=db.cursor()  
 sql="delete from examination 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="flask")  
 cu=db.cursor()  
 sql="select \* from examination where id= '{}'".format(rid)  
 cu.execute(sql)  
 data=cu.fetchone()  
 return render\_template('charlie.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['student']  
 det=request.form['regno']  
 sb=request.form['subject']  
 sc=request.form['subcode']  
 dp=request.form['department']  
 dt=request.form['date']  
 #return t+det+dt  
 try:  
 db=pymysql.connect(host="localhost",user="root",password="",database="flask")  
 cu=db.cursor()  
 sql="update examination SET student='{}',regno='{}',subject='{}',subcode='{}',deprtment='{}',date='{}' where id='{}'".format(t,det,sb,sc,dp,dt,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**

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**PASTE THE URL IN YOUR BROWSER**

**http://127.0.0.1:5000**