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from turtle import st

from flask import Flask, render_template, request, redirect, url_for, session

from markupsafe import escape


import ibm_db

conn = ibm_db.connect("DATABASE=<databasename>;HOSTNAME=<your-hostname>;PORT=<portnumber>;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=<username>;PWD=<password>",'','')


app = Flask(__name__)




@app.route('/')

def home():

  return render_template('home.html')


@app.route('/addstudent')

def new_student():

  return render_template('add_student.html')


@app.route('/addrec',methods = ['POST', 'GET'])

def addrec():

  if request.method == 'POST':


    name = request.form['name']

    address = request.form['address']

    city = request.form['city']

    pin = request.form['pin']


    sql = "SELECT * FROM students WHERE name =?"

    stmt = ibm_db.prepare(conn, sql)
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```
    ibm_db.bind_param(stmt,1,name)
    ibm_db.execute(stmt)
    account = ibm_db.fetch_assoc(stmt)

    if account:
      return render_template('list.html', msg="You are already a member, please login using your details")
    else:
      insert_sql = "INSERT INTO students VALUES (?,?,?,?)"
      prep_stmt = ibm_db.prepare(conn, insert_sql)
      ibm_db.bind_param(prep_stmt, 1, name)
      ibm_db.bind_param(prep_stmt, 2, address)
      ibm_db.bind_param(prep_stmt, 3, city)
      ibm_db.bind_param(prep_stmt, 4, pin)
      ibm_db.execute(prep_stmt)

    return render_template('home.html', msg="Student Data saved successfuly..")

@app.route('/list')
def list():
  students = []
  sql = "SELECT * FROM Students"
  stmt = ibm_db.exec_immediate(conn, sql)
  dictionary = ibm_db.fetch_both(stmt)
  while dictionary != False:
    # print ("The Name is : ",  dictionary)
    students.append(dictionary)
    dictionary = ibm_db.fetch_both(stmt)

  if students:
    return render_template("list.html", students = students)
```

```
@app.route('/delete/<name>')
def delete(name):
 sql = f"SELECT * FROM Students WHERE name='{escape(name)}'"
 print(sql)
 stmt = ibm_db.exec_immediate(conn, sql)
 student = ibm_db.fetch_row(stmt)
 print ("The Name is : ",  student)
 if student:
  sql = f"DELETE FROM Students WHERE name='{escape(name)}'"
  print(sql)
  stmt = ibm_db.exec_immediate(conn, sql)

  students = []
  sql = "SELECT * FROM Students"
  stmt = ibm_db.exec_immediate(conn, sql)
  dictionary = ibm_db.fetch_both(stmt)
  while dictionary != False:
   students.append(dictionary)
   dictionary = ibm_db.fetch_both(stmt)
  if students:
   return render_template("list.html", students = students, msg="Delete successfully")




 # # while student != False:
 # #   print ("The Name is : ",  student)

 # print(student)
 return "success..."
```

```
# @app.route('/posts/edit/<int:id>', methods=['GET', 'POST'])
# def edit(id):

#     post = BlogPost.query.get_or_404(id)

#     if request.method == 'POST':
#         post.title = request.form['title']
#         post.author = request.form['author']
#         post.content = request.form['content']
#         db.session.commit()
#         return redirect('/posts')
#     else:
#         return render_template('edit.html', post=post)
```