**Assignment -1**

Python Programming

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| Assignment Date | 26 October 2022 |
| Student Name | PRAGADISH SA |
| Student Roll Number | 713319CS106 |
| Maximum Marks | 2 Marks |

**Question-1:**

1.Create registration page in html with username, email and phone number and by using POST method display it in next html page.

**Question-2:**

2. Develop a flask program which should contain at least 5 packages used from pypi.org

**Note:-** Following application contains (Flask , render\_template , url\_for, redirect, request)

So both Questions have same Answers

**Source Code:**

**App.py**

from flask import Flask, render\_template, request, redirect, url\_for, session

import ibm\_db

app = Flask(\_name\_)

dsn\_hostname = "815fa4db-dc03-4c70-869a-a9cc13f33084.bs2io90l08kqb1od8lcg.databases.appdomain.cloud"

dsn\_uid = "tbc72932"

dsn\_pwd = "4LioOqzrIBnfCt6c"

dsn\_driver = "{IBM DB2 ODBC DRIVER}"

dsn\_database = "BLUDB"

dsn\_port = "30367"

dsn\_security = "SSL"

dsn = ("DRIVER={0};"

"DATABASE={1};"

"HOSTNAME={2};"

"PORT={3};"

"UID={4};"

"PWD={5};"

"SECURITY={6};").format(dsn\_driver,dsn\_database,dsn\_hostname,dsn\_port,dsn\_uid,dsn\_pwd,dsn\_security)

print(dsn)

try:

conn = ibm\_db.pconnect(dsn,"","")

print("success")

except:

print(ibm\_db.conn\_errormsg())

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

def register():

if request.method == 'POST':

sql\_stmt = "insert into USER values(?,?,?,?)"

stmt = ibm\_db.prepare(conn, sql\_stmt)

username = request.form['username']

email = request.form['email']

password = request.form['password']

number = request.form['number']

ibm\_db.bind\_param(stmt, 1, username)

ibm\_db.bind\_param(stmt, 2, email)

ibm\_db.bind\_param(stmt, 3, password)

ibm\_db.bind\_param(stmt, 4, number)

try:

ibm\_db.execute(stmt)

return redirect('/')

except:

print(ibm\_db.stmt\_errormsg())

return render\_template('index.html')

@app.route("/login",methods=('GET','POST'))

def login():

if request.method == 'POST':

username = request.form['username']

password = request.form['password']

query = "select COUNT(\*) from user where username='"+username+"' and password='"+password+"'"

stmt5 = ibm\_db.exec\_immediate(conn,query)

row = ibm\_db.fetch\_tuple(stmt5)

if(row[0] ==1 ):

return redirect("/shop/")

return render\_template("index.html")

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

def shop():

sql = "SELECT \* FROM job"

job\_name = []

job\_location = []

job\_role = []

job\_number = []

job\_salary = []

job\_image = []

stmt = ibm\_db.exec\_immediate(conn, sql)

dictionary = ibm\_db.fetch\_assoc(stmt)

**index.html**

<!DOCTYPE html>

<html lang="en">

  <head>

    <title>Sign Up | By Code Info</title>

    <link rel="stylesheet" href="log.css" />

    <link

      href="https://fonts.googleapis.com/css2?family=Roboto:wght@300&display=swap"

      rel="stylesheet"

    />

  </head>

  <body>

    <div class="signup-box">

      <h1>Sign Up</h1>

      <form>

        <label>First Name</label>

        <input type="text" placeholder="" />

        <label>Last Name</label>

        <input type="text" placeholder="" />

        <label>Email</label>

        <input type="email" placeholder="" />

        <label>Password</label>

        <input type="password" placeholder="" />

        <label>Confirm Password</label>

        <input type="password" placeholder="" />

        <input type="button" value="Submit" />

      <closeform></closeform></form>

      <p>

        By clicking the Sign Up button,you agree to our <br />

        <a href="#">Terms and Condition</a> and <a href="#">Policy Privacy</a>

      </p>

    </div>

    <p class="para-2">

      Already have an account? <a href="signin.html">Login here</a>

    </p>

  </body>

</html>

**Style.css**

body {

  background-color: #344a72;

  font-family: "Roboto", sans-serif;

}

.signup-box {

  width: 360px;

  height: 620px;

  margin: auto;

  background-color: white;

  border-radius: 3px;

}

.login-box {

  width: 360px;

  height: 280px;

  margin: auto;

  border-radius: 3px;

  background-color: white;

}

h1 {

  text-align: center;

  padding-top: 15px;

}

h4 {

  text-align: center;

}

form {

  width: 300px;

  margin-left: 20px;

}

form label {

  display: flex;

  margin-top: 20px;

  font-size: 18px;

}

form input {

  width: 100%;

  padding: 7px;

  border: none;

  border: 1px solid gray;

  border-radius: 6px;

  outline: none;

}

input[type="button"] {

  width: 320px;

  height: 35px;

  margin-top: 20px;

  border: none;

  background-color: #49c1a2;

  color: white;

  font-size: 18px;

}

p {

  text-align: center;

  padding-top: 20px;

  font-size: 15px;

}

.para-2 {

  text-align: center;

  color: white;

  font-size: 15px;

  margin-top: -10px;

}

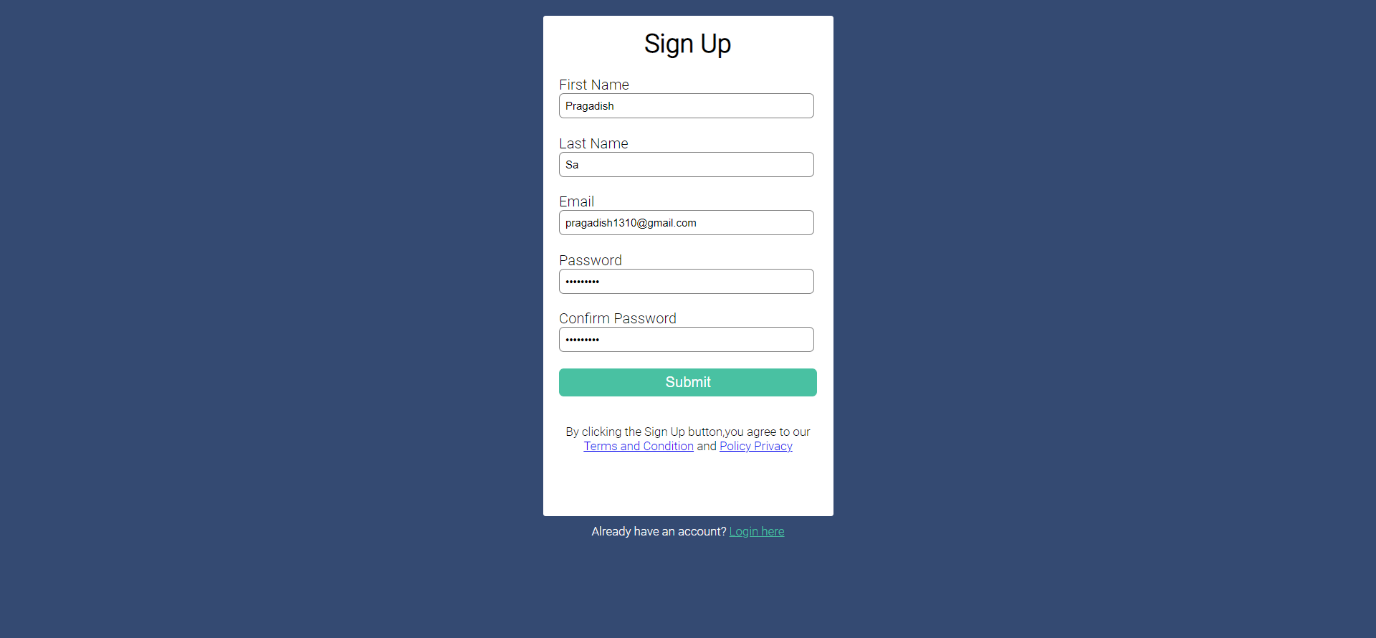
.para-2 a {

  color: #49c1a2;

}

**Output:**

**Index page:**



**Login page:**

