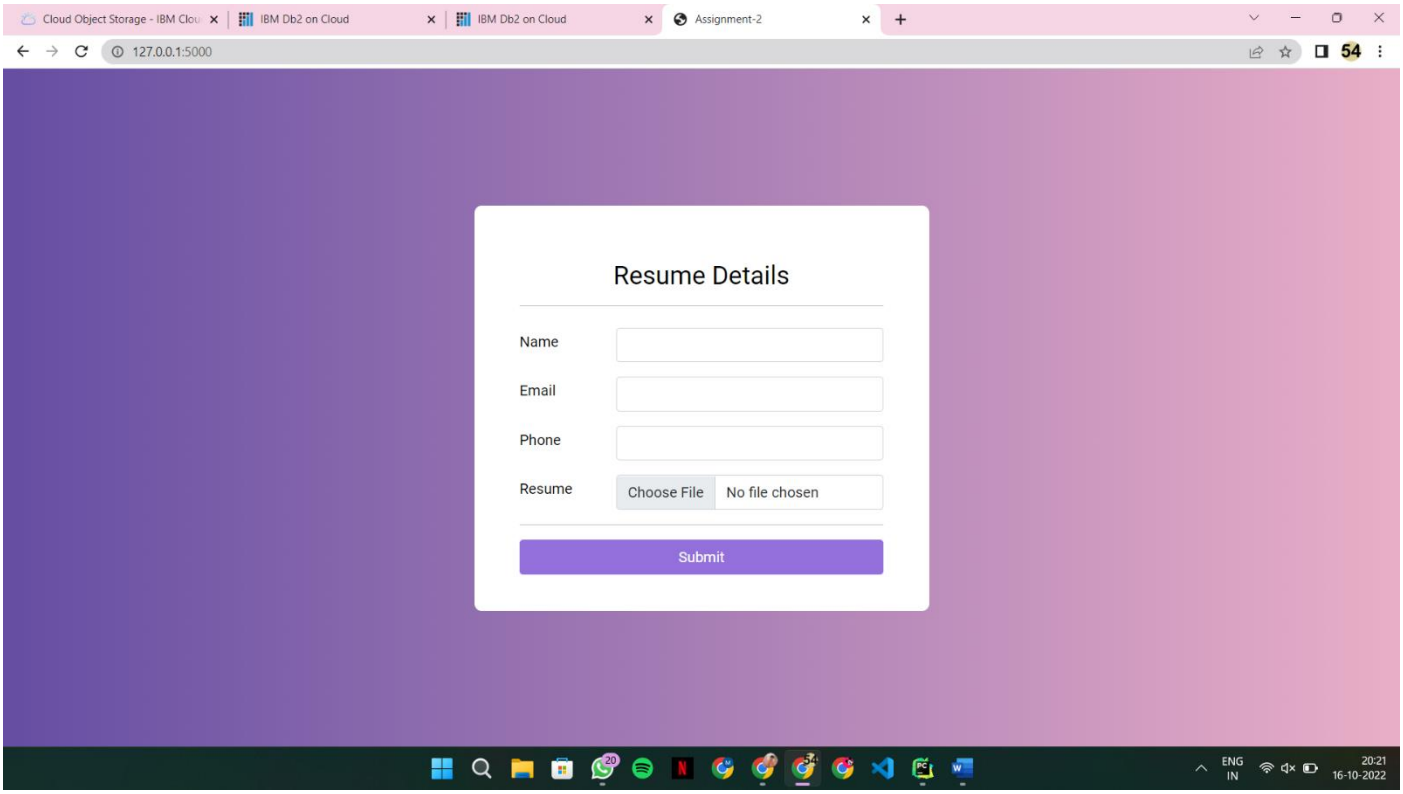
Assignment-2



HTML Code:

```
{% extends 'index.html' %}
{% block title %}Assignment-2{% endblock title %}

{% block style %}
  <link rel="stylesheet" href="../../static/css/assignment-1.css">
{% endblock style %}

{% block content %}
  <div class="container-fluid">
    <div class="container" id="form-container">
      <form method="POST" autocomplete="off" action =”/”  id="form-1">
        <h3 class="d-flex justify-content-center">Resume Details</h3>
        <hr class="mb-4">
        <input type="hidden" name="csrf_token" value="{{ csrf_token() }}">
        <div class="row row-cols-2 mb-3" id="row-center-align">
          <div class="col-sm-3">
            <label class="form-label" for="Name">Name</label>
          </div>
          <div class="col-sm-9">
            <input type="text" class="form-control" name="name" id="Name">
          </div>
        </div>
```

```
                <div class="row row-cols-2 mb-3" id="row-center-align">
                    <div class="col-sm-3">
                        <label class="form-label" for="E-mail">Email</label>
                    </div>
                    <div class="col-sm-9">
                        <input type="email" class="form-control" name="email" id="E-mail">
                    </div>
                </div>
                <div class="row row-cols-2 mb-3" id="row-center-align">
                    <div class="col-sm-3">
                        <label class="form-label" for="Phone">Phone</label>
                    </div>
                    <div class="col-sm-9">
                        <input type="tel" class="form-control" name="phone" id="Phone">
                    </div>
                </div>
                <div class="row row-cols-2" id="row-center-align">
                    <div class="col-sm-3">
                        <label class="form-label" for="Resume">Resume</label>
                    </div>
                    <div class="col-sm-9">
                        <input type="file" class="form-control" name="resume" id="Resume">
                    </div>
                </div>
                <hr>
                <div class="d-grid">
                    <button class="btn bg-customised" type="submit">Submit</button>
                </div>
            </form>
        </div>
    </div>
{% endblock content %}
```

CSS:

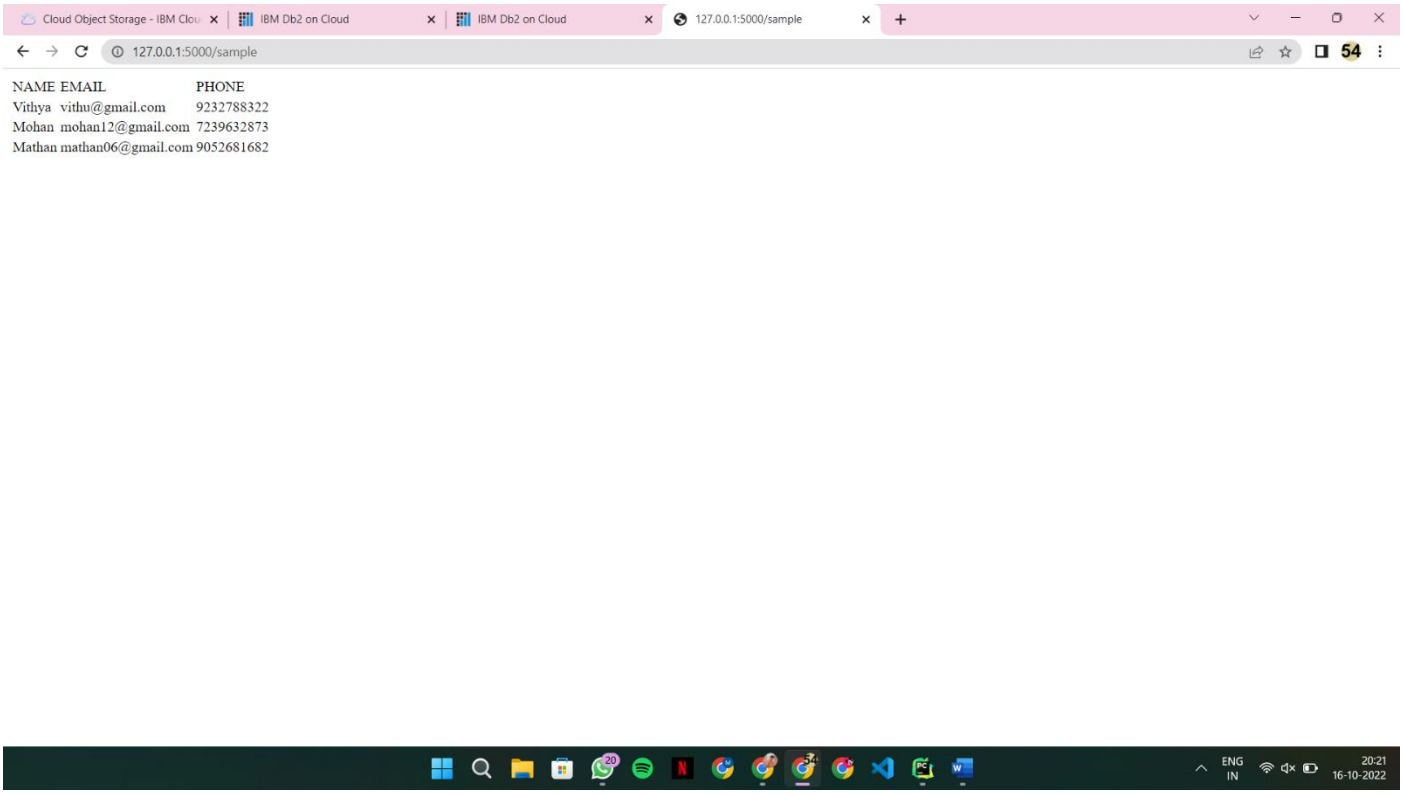
```
* {
    color: #000000;
    font-family: Roboto, sans-serif;
}

body {
    margin: 0;
    padding: 0;
}

.container-fluid{
```

```
    width: 100%;
    top: 0;
    bottom: 0;
    position: absolute;
    background-image: linear-gradient(to right, #654ea3, #eaafc8);
    display: flex;
    justify-content: center;
    align-items: center;
}

#form-container {
    box-sizing: content-box;
    padding: 60px 50px 40px;
    width: 400px;
    border-radius: 0.5rem;
    background-color: #ffffff;
}

.col-sm-3 {
    display: flex;
    align-items: center;
}

.bg-customised {
    color: #ffffff;
    background-color: mediumpurple;
}
```

Views:

```
@app.route('/', methods=['POST', 'GET'])
def sample():
    if request.method == 'POST':
        name = request.form['name']
        email = request.form['email']
        phone = request.form['phone']
        resume = request.form['resume']

        sql = 'INSERT INTO RESUME_TABLE VALUES (?, ?, ?, DEFAULT, ?)'
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, name)
        ibm_db.bind_param(stmt, 2, phone)
        ibm_db.bind_param(stmt, 3, email)
        ibm_db.bind_param(stmt, 4, resume, ibm_db.SQL_PARAM_INPUT_OUTPUT, ibm_db.SQL_BINARY)
        ibm_db.execute(stmt)
        return render_template('assignments/sample.html', message='true')
```

```
    else:
        return render_template('assignments/assignment-1.html')
```



HTML:

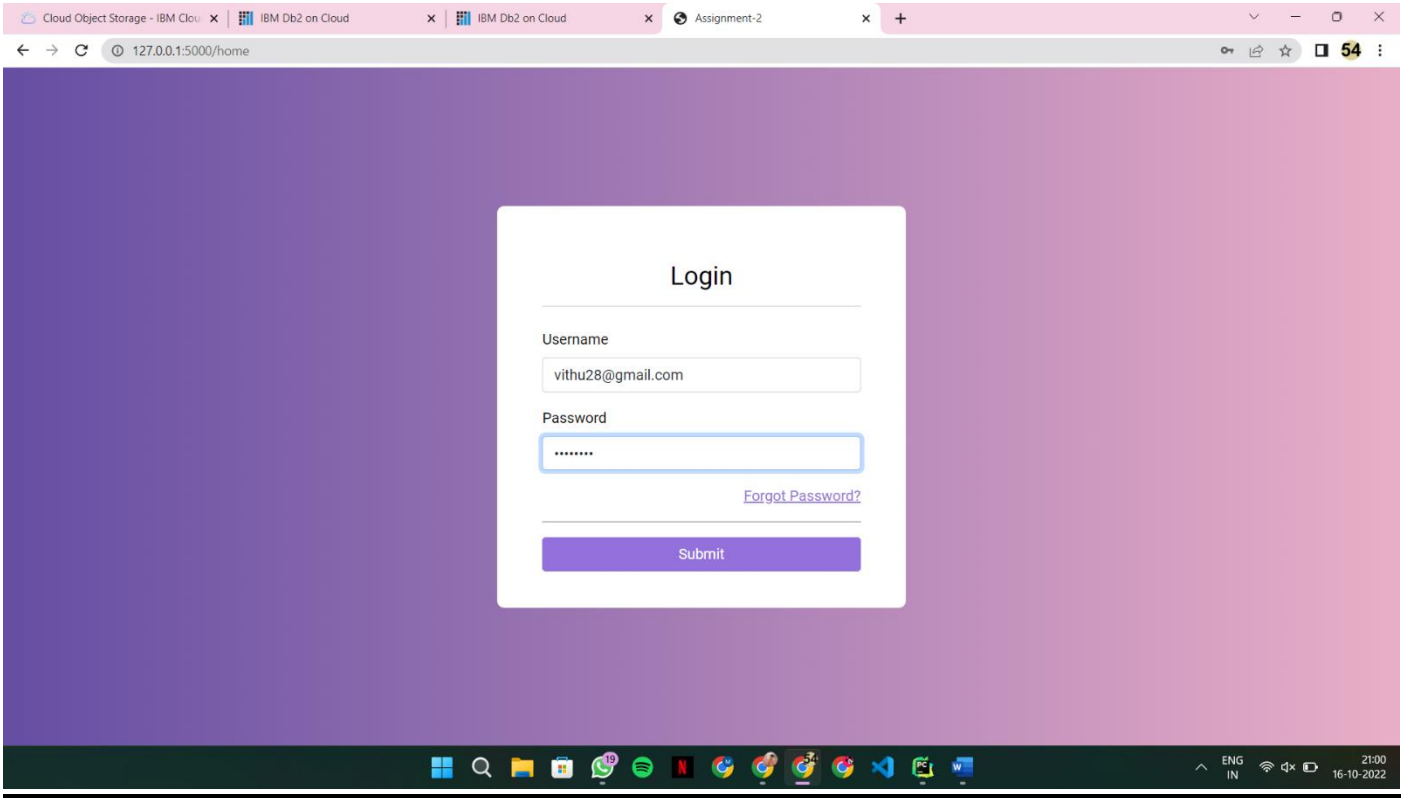
```
{% block content %}
  <table>
    <thead>
      <td>NAME</td>
      <td>EMAIL</td>
      <td>PHONE</td>
      <td></td>
    </thead>
    {% for row in message %}
      <tr>
        <td>{{row["NAME"]}}</td>
        <td> {{ row["EMAIL"]}}</td>
        <td>{{row["PHONE"]}}</td>
      </tr>
    {% endfor %}
  </table>
{% endblock content %}
```

Views:

```
@app.route('/sample')
def display():
    sql2 = 'SELECT * FROM RESUME_TABLE'
    stmt2 = ibm_db.prepare(conn, sql2)
```

```
ibm_db.execute(stmt2)
message = []
d = ibm_db.fetch_both(stmt2)
while d:
    message.append(d)
    d = ibm_db.fetch_assoc(stmt2)
return render_template('assignments/sample.html', message=message)
```

Sessions:



HTML:

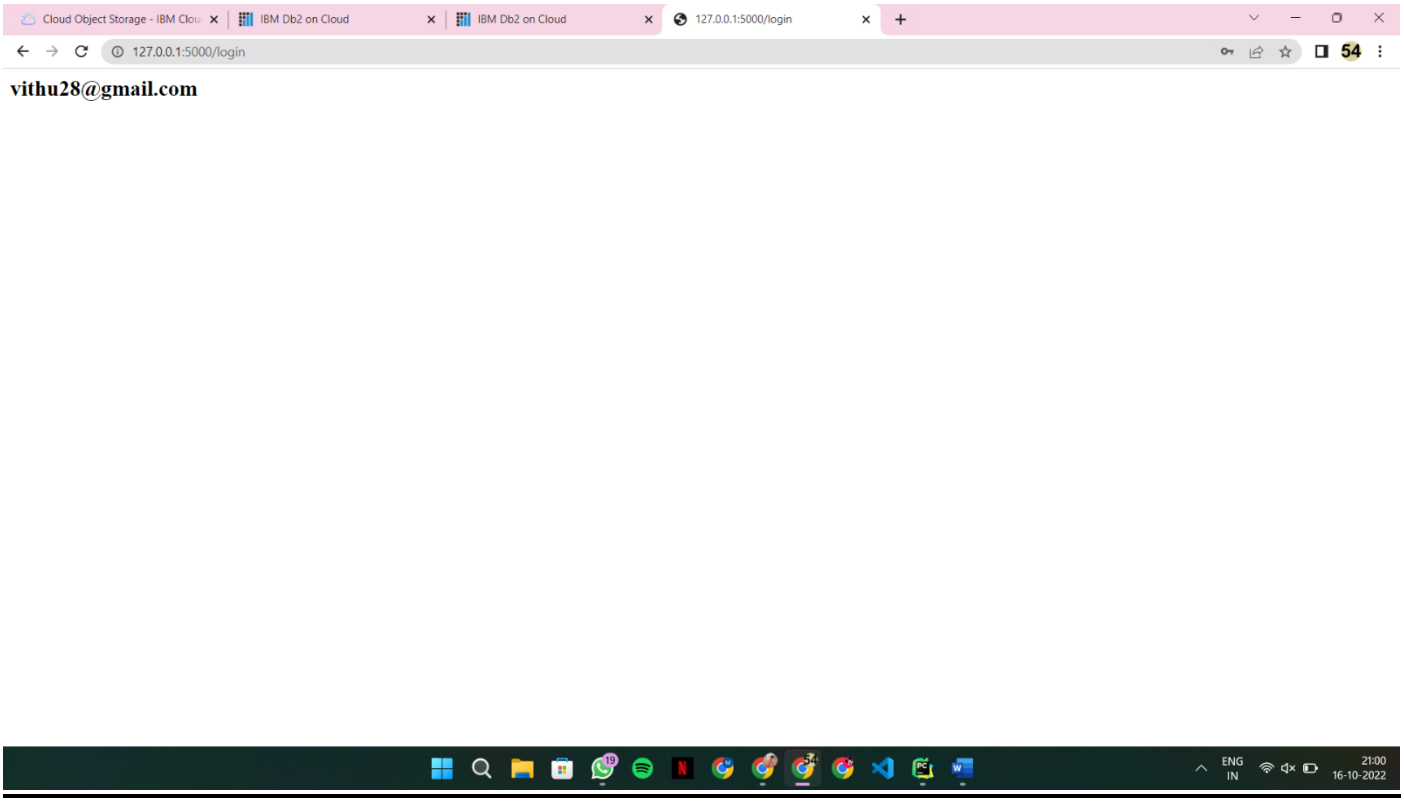
```
{% extends 'index.html' %}
{% block title %}Assignment-2{% endblock title %}

{% block style %}
  <link rel="stylesheet" href="../../static/css/assignment-1.css">
{% endblock style %}

{% block content %}
  <div class="container-fluid">
    <div class="container" id="form-container">
      <form method="POST" autocomplete="off" action="/login" id="form-1">
        <h3 class="d-flex justify-content-center">Login</h3>
        <hr class="mb-4">
        <input type="hidden" name="csrf_token" value="{{ csrf_token() }}">
        <label class="form-label" for="Username">Username</label>
        <input type="email" class="form-control mb-3" name="username" id="Username">

        <label class="form-label" for="Password">Password</label>
        <input type="password" class="form-control mb-3" name="password" id="Password">
        <a class="d-flex justify-content-end">Forgot Password?</a>
```

```
            <hr>
            <div class="d-grid">
              <button class="btn bg-customised" type="submit">Submit</button>
            </div>
          </form>
        </div>
      </div>
{% endblock content %}
```

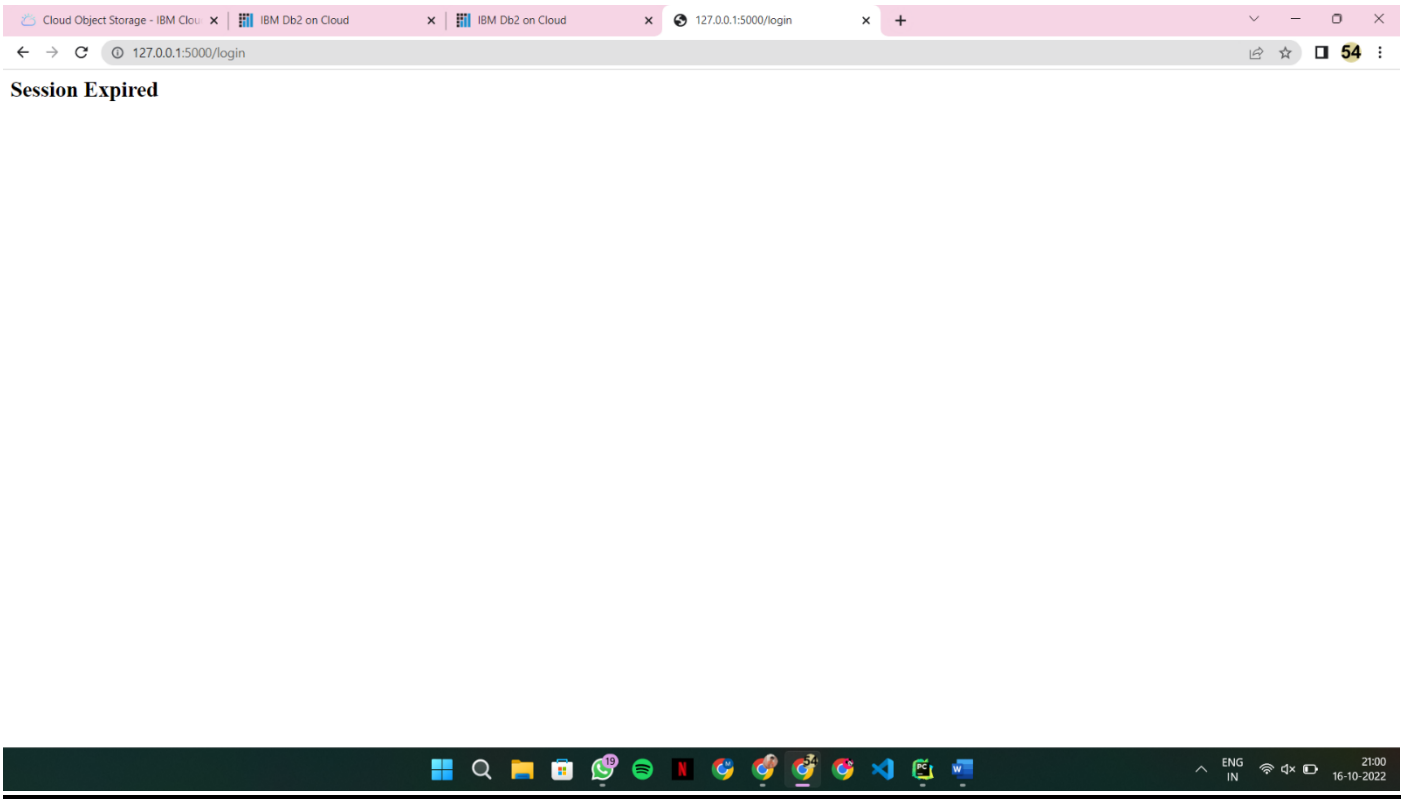
Views:

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

@app.route('/login', methods=['POST', "GET"])
def login():
    if request.method == 'POST':
        email = request.form['username']
        password = request.form['password']

        sql = 'SELECT email FROM USER_TABLE WHERE email=? and password=?'
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, email)
        ibm_db.bind_param(stmt, 2, password)
        ibm_db.execute(stmt)
        userdata = ibm_db.fetch_assoc(stmt)
        session['user'] = userdata['EMAIL']
    if 'user' in session:
        return render_template('assignments/sample.html', message=session['user'])
    else:
        return render_template('assignments/sample.html', message="Session Expired")


@app.route('/home')
def home():
    return render_template('assignments/login.html')


@app.route('/logout')
def logout():
    session.pop('user', None)
    return redirect(url_for('login'))
```

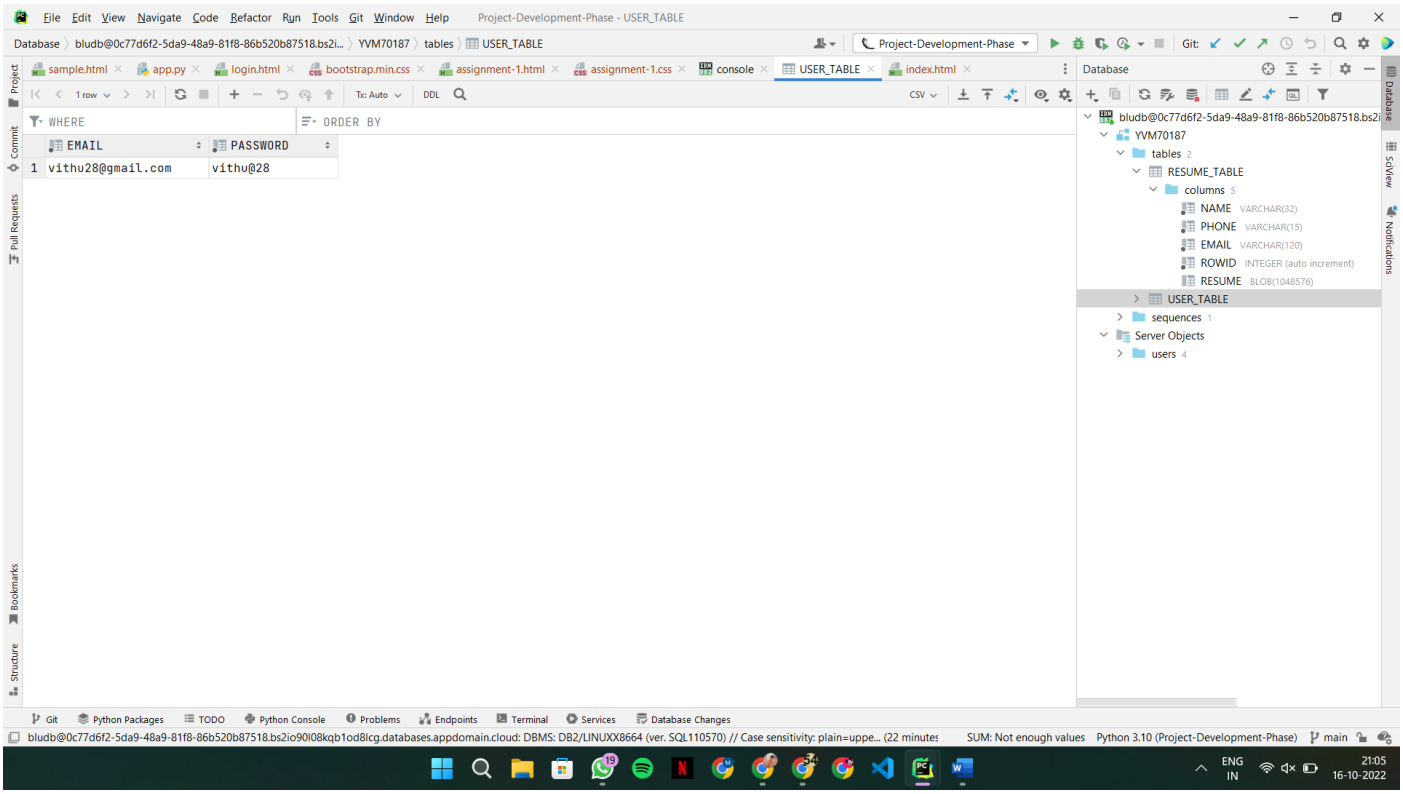
If user in session:



If user logged-out:



User Table:


File Edit View Navigate Code Refactor Run Tools Git Window Help
Project-Development-Phase - USER_TABLE
Database bludb@0c77d6f2-5da9-48a9-81f8-86b520b87518.bs2i... YVM70187 tables USER_TABLE
Project-Development-Phase
Git:
sample.html app.py login.html bootstrap.min.css assignment-1.html assignment-1.css console USER_TABLE index.html
1 row
Tx: Auto
DDL
CSV
WHERE
ORDER BY
EMAIL
PASSWORD
1 vithu28@gmail.com vithu@28
Database
bludb@0c77d6f2-5da9-48a9-81f8-86b520b87518.bs2
YVM70187
tables 2
RESUME_TABLE
columns 5
NAME VARCHAR(32)
PHONE VARCHAR(15)
EMAIL VARCHAR(120)
ROWID INTEGER (auto increment)
RESUME BLOB(1048576)
USER_TABLE
sequences 1
Server Objects
users 4
Project
Commit
Pull Requests
Bookmarks
Structure
Database
SciView
Notifications
Git
Python Packages
TODO
Python Console
Problems
Endpoints
Terminal
Services
Database Changes
bludb@0c77d6f2-5da9-48a9-81f8-86b520b87518.bs2io90l08kqb1od8lcg.databases.appdomain.cloud: DBMS: DB2/LINUXX8664 (ver. SQL110570) // Case sensitivity: plain=uppe... (22 minutes
SUM: Not enough values
Python 3.10 (Project-Development-Phase)
main
ENG
IN
21:05
16-10-2022