

ASSIGNMET – 3

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PROJECT NAME	SKILL / JOB RECOMMENDER APPLICATION

1. CREATE USER TABLE WITH EMAIL, USERNAME,ROLL NUMBER ,PASSWORD.

The screenshot shows a database management interface. On the left, a 'Tables' list displays several tables including 'ASS3', 'FILE', 'TABLE1', 'TABLE2', 'TABLE3', and 'TABLE4'. The 'Table definition' panel on the right shows the structure of the 'ASS3' table. It has four columns: 'EMAIL' (VARCHAR, 32, Y, 0), 'USERNAME' (VARCHAR, 32, Y, 0), 'ROLLNO' (VARCHAR, 32, Y, 0), and 'PASSWORD' (VARCHAR, 32, Y, 0). A 'View data' button is visible at the bottom of the table definition panel.

Query to INSERT :

```

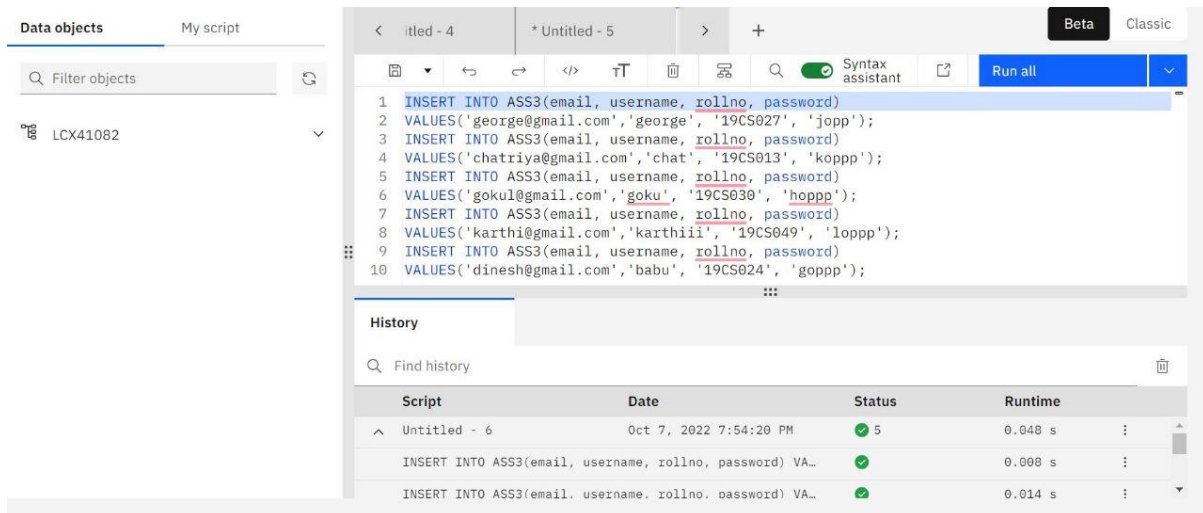
INSERT INTO ASS3(email, username, rollno, password)
VALUES('george@gmail.com','george', '19CS027', 'jopp');

INSERT INTO ASS3(email, username, rollno, password)
VALUES('chatriya@gmail.com','chat', '19CS013', 'koppp');

INSERT INTO ASS3(email, username, rollno, password)
VALUES('gokul@gmail.com','goku', '19CS030', 'hoppp');

INSERT INTO ASS3(email, username, rollno, password)
VALUES('karthi@gmail.com','karthiii', '19CS049', 'loppp');

INSERT INTO ASS3(email, username, rollno, password)
VALUES('dinesh@gmail.com','babu', '19CS024', 'goppp');
    
```



2. Perform UPDATE and DELETE queries with user table.

Query to Deleting and update :

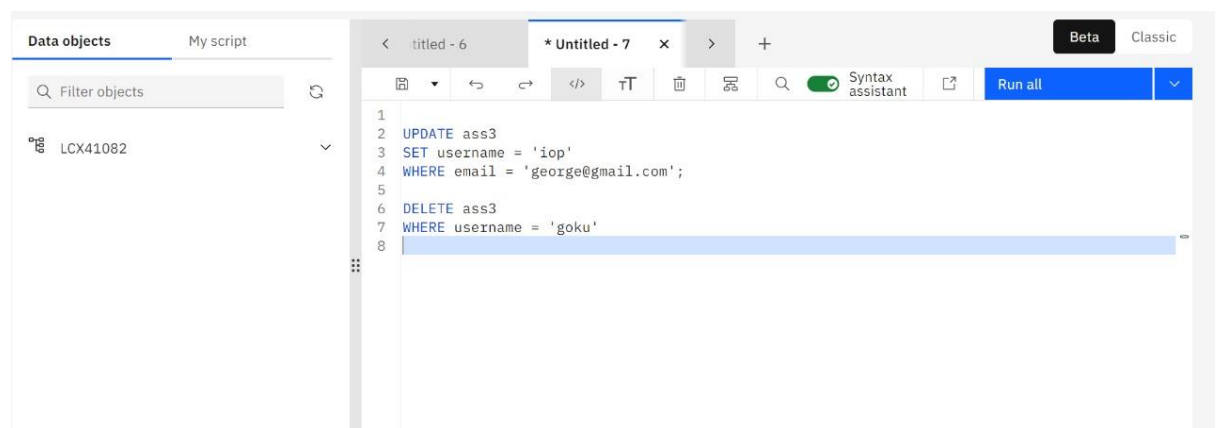
DELETE FROM ass3

WHERE password = 'jopp';



UPDATE ass3

username = 'iop'

WHERE email = 'george@gmail.com';



Load Data	Load History	Tables	Views	Indexes	Aliases	MQTs	Sequences	Application objects
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LCX41082.ASS3				Back
				 Export to CSV 
EMAIL	USERNAME	ROLLNO	PASSWORD	
chatriya@gmail.com	chat	19CS013	koppp	
dinesh@gmail.com	babu	19CS024	goppp	
george@gmail.com	iop	19CS027	jopp	
gokul@gmail.com	iop	19CS030	hoppp	
karthi@gmail.com	karthiii	19CS049	loppp	

3. Connect python to db2.

```
4. import ibm_db

hostname = '19af6446-6171-4641-8aba-
9dcff8e1b6ff.clogj3sd0tgtu0lqde00.databases.appdomain.cloud'
uid = 'lcx41082'
pwd = 'TyLII4Gaq6dIdI9x'
driver = "{IBM DB2 ODBC DRIVER}"
db = 'bludb'
port = '30699'
protocol = 'TCPIP'
cert = 'Certificate.crt'

dsn = (
    "DATABASE = {0};"
    "HOSTNAME = {1};"
    "PORT = {2};"
    "UID = {3};"
    "SECURITY = SSL;"
    "SSLServerCertificate = {4};"
    "PWD = {5};"
).format(db, hostname, port, uid, cert, pwd)
print(dsn)
try:
    db2 = ibm_db.connect(dsn, " ", " ")
    print("connect to database")
except:
    print("unable to connect ", ibm_db.conn_errormsg())
```

```
Command Prompt
Microsoft Windows [Version 10.0.19044.2006]
(c) Microsoft Corporation. All rights reserved.

C:\Users\vrroh>cd PycharmProjects

C:\Users\vrroh\PycharmProjects>cd tooo

C:\Users\vrroh\PycharmProjects\tooo>python ibm.py
Traceback (most recent call last):
  File "C:\Users\vrroh\PycharmProjects\tooo\ibm.py", line 12, in <module>
    dsn = (
AttributeError: 'tuple' object has no attribute 'format'

C:\Users\vrroh\PycharmProjects\tooo>python ibm.py
DATABASE = bludb;HOSTNAME = 19af6446-6171-4641-8aba-9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT = 30699;UID = 1cx41082;SECURITY = SSL;SSLServerCertificate = Certificate.crt;PWD = TyLII4Gaq6d1dI9x;
connect to database

C:\Users\vrroh\PycharmProjects\tooo>
```

4 .about.html

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width,initial-scale=1">

<title>Home Page</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css" rel="stylesheet">

</head>

<body>

<nav class="navbar navbar-expand-lg bg-light" style="background-color: #e3f2fd;">

<!-- Navbar content -->

<div class="container-fluid">

<div class="collapse navbar-collapse" id="navbarNavAltMarkup">

<div class="navbar-nav">

<a class="nav-link active" aria-current="page" href="#">Home</a>

<a class="nav-link" href="about.html">About</a>

<a class="nav-link" href="signin.html">SignIn</a>
```

```
<a class="nav-link" href="signup.html">SignUp</a>
</div>
</div>
</div>
</nav>
<br>
<div>
<h4>
<b>Welcome to IBM!!!</B>
</h4>
</div>
</body>
</html>
```

Home.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width,initial-scale=1">
<title>Home Page</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta2/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
<nav class="navbar navbar-expand-lg bg-light" style="background-color:
#e3f2fd;">
<!-- Navbar content -->
<div class="container-fluid">
<div class="collapse navbar-collapse" id="navbarNavAltMarkup">
<div class="navbar-nav">
<a class="nav-link active" aria-current="page"
href="#">Home</a>
<a class="nav-link" href="about.html">About</a>
<a class="nav-link" href="signin.html">SignIn</a>
```

```
<a class="nav-link" href="signup.html">SignUp</a>
</div>
</div>
</div>
</nav>
<br><br>
<div>
<h4>
<b>Welcome to IBM!!!</B>
</h4>
</div>
</body>
</html>
```

Sign.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width,initial-scale=1">
<title>SignIn</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta2/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
<nav class="navbar navbar-expand-lg bg-light" style="background-color:
#e3f2fd;">
<!-- Navbar content -->
<div class="container-fluid">
<div class="collapse navbar-collapse" id="navbarNavAltMarkup">
<div class="navbar-nav">
<a class="nav-link" href="home.html">Home</a>
<a class="nav-link" href="about.html">About</a>
<a class="nav-link active" aria-current="page"
href="#">SignIn</a>
```

```
<a class="nav-link" href="signup.html">SignUp</a>

</div>

</div>

</div>

</nav>

<div class="text-center my-5"
style="background-image:
url('https://png.pngtree.com/thumb_back/fh260/background/20200714/pngtreemodern-double-color-futuristic-
neon-background-image_351866.jpg');
background-repeat: no-repeat;
background-size: cover;">

<section class="h-100">

<div class="container h-100">

<div class="row justify-content-sm-center h-100">

<div class="col-xxl-4 col-xl-5 col-lg-5 col-md-7 col-sm9">

<div class="text-center my-5"></div>

<div class="card shadow-lg">

<div class="card-body p-5">

  <h1 class="fs-4 card-title fw-bold mb4">Login</h1>

  <form method="POST" class="needs-validation"
novalidate="" autocomplete="off">

    <div class="mb-3">

      <label class="mb-2 text-muted"
for="email">E-Mail Address</label>

      <input id="email" type="email"
class="form-control" name="email" value=""
required autofocus>

      <div class="invalid-feedback">

        Email is invalid

      </div>

    </div>

    <div class="mb-3">

      <div class="mb-2 w-100">

        <label class="text-muted"
for="password">Password</label>

        <a href="forgot.html"
```

class="float-end">

Forgot Password?

</div>

<input id="password" type="password"
class="form-control" name="password"
required>

<div class="invalid-feedback">

Password is required

</div>

</div>

<div class="d-flex align-items-center">

<div class="form-check">

<input type="checkbox"
name="remember" id="remember"
class="form-check-input">

<label for="remember" class="formcheck-label">Remember Me</label>

</div>

<button type="submit" class="btn btnprimary ms-auto">

Login

</button>

</div>

</form>

</div>

<div class="card-footer py-3 border-0">

Signup.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width,initial-scale=1">
<title>SignUp</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta2/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
<nav class="navbar navbar-expand-lg bg-light" style="background-color:
#e3f2fd;">
<!-- Navbar content -->
<div class="container-fluid">
<div class="collapse navbar-collapse" id="navbarNavAltMarkup">
<div class="navbar-nav">
<a class="nav-link" href="home.html">Home</a>
<a class="nav-link" href="about.html">About</a>
```

```

<a class="nav-link" href="signin.html">SignIn</a>
<a class="nav-link active" aria-current="page"
href="#">SignUp</a>
</div>
</div>
</div>
</nav>
<div class="text-center my-5"
style="background-image:
url('https://png.pngtree.com/thumb_back/fh260/background/20200714/pngtreemodern-double-color-futuristic-
neon-background-image_351866.jpg');
background-repeat: no-repeat;
background-size: cover;">
<section class="h-100">
<div class="container h-100">
<div class="row justify-content-sm-center h-100">
<div class="col-xxl-4 col-xl-5 col-lg-5 col-md-7 col-sm9">
<div class="text-center my-5"></div>
<div class="card shadow-lg">
<div class="card-body p-5">
<h1 class="fs-4 card-title fw-bold mb4">Register</h1>
<form method="POST" class="needs-validation"
novalidate="" autocomplete="off">
<div class="mb-3">
<label class="mb-2 text-muted"
for="name">Name</label>
<input id="name" type="text"
class="form-control" name="name" value="" required
autofocus>
<div class="invalid-feedback">
Name is required
</div>
</div>
<div class="mb-3">
<label class="mb-2 text-muted"
for="email">E-Mail Address</label>

```

```
<input id="email" type="email"
class="form-control" name="email" value=""
required>
<div class="invalid-feedback">
Email is invalid
</div>
</div>
<div class="mb-3">
<label class="mb-2 text-muted"
for="password">Password</label>
<input id="password" type="password"
class="form-control" name="password"
required>
<div class="invalid-feedback">
Password is required
</div>
</div>
<p class="form-text text-muted mb-3">
By registering you agree with our
terms and condition.
</p>
<div class="align-items-center d-flex">
<button type="submit" class="btn btnprimary ms-auto">
Register
</button>
</div>
</form>
</div>
<div class="card-footer py-3 border-0">
<div class="text-center">
  Already have an account? <a href="signin.html" class="text-dark">Login</a>
</div>
</div>
</div>
</div>
</div>
```

```
</div>
</section>
</div>
</body>
</html>
```

app.py

```
from flask import Flask, render_template
app = Flask(__name__)
@app.route("/")
@app.route("/home")
def home():
    return render_template("home.html")
@app.route("/about")
def about():
    return render_template("about.html")
@app.route("/signin")
def signin():
    return render_template("signin.html")
@app.route("/signup")
def signup():
    return render_template("signup.html")
```