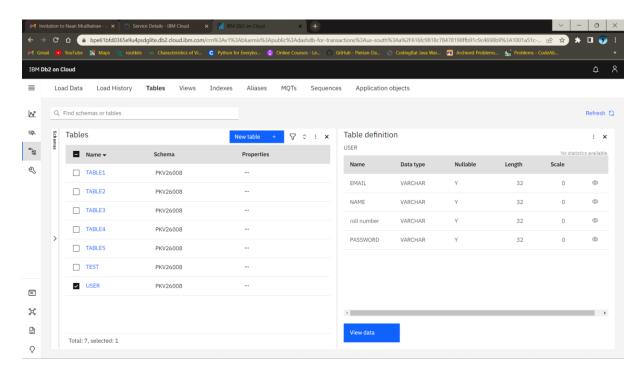
ASSIGNMET – 3

NAME	GEORGE WILSON G
TEAM ID	PNT2022TMID19415
PROJECT NAME	SKILL / JOB RECOMMENDER
	APPLICATION

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



Query to INSERT:

INSERT INTO user

VALUES

('nishanth@gmail.com','Nishanth',73,'Nishsw784'),

('barath@gmail.com','Barath',09,'Barath2000'),

('bala@gmail.com','Bala',05,'Balaranges787'),

('neymar788@gmail.com','Neymar',70,'NeYmAr012'),

('dinesh@gmail.com','Dinesh', '24', 'godinesh4'),

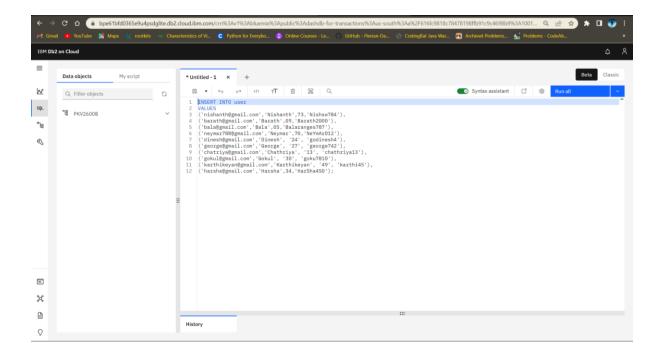
('george@gmail.com','George', '27', 'george742'),

('chatriya@gmail.com','Chathriya', '13', 'chathriya13'),

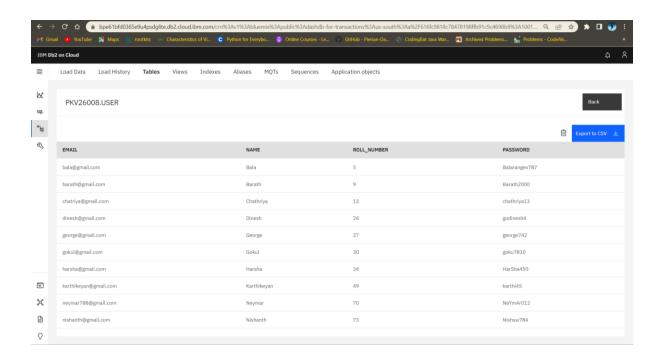
('gokul@gmail.com', 'Gokul', '30', 'goku7810'),

('karthikeyan@gmail.com','Karthikeyan', '49', 'karthi45'),

('harsha@gmail.com','Harsha',34,'HarSha450');



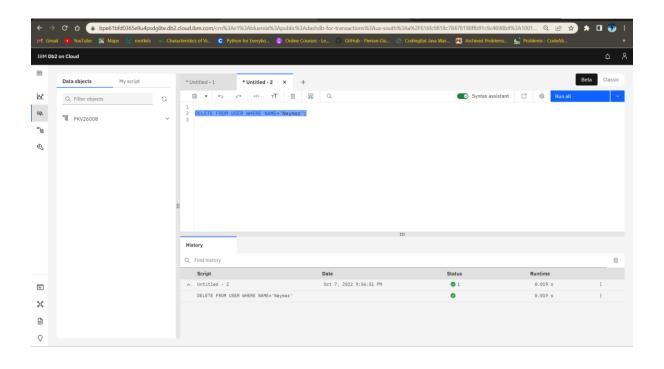
After inserting the details or values into the Table:

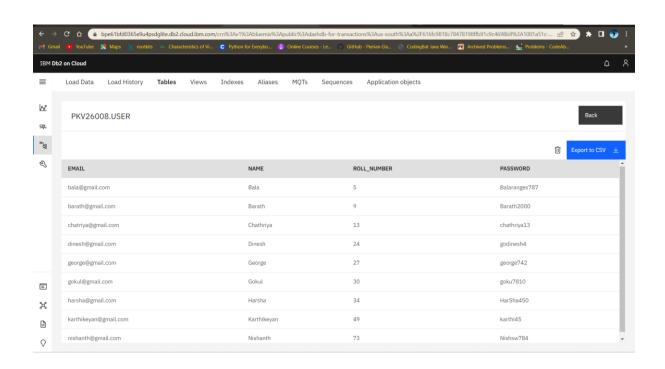


2. Perform UPDATE and DELETE queries with user table.

Query to Delete:

DELETE FROM USER WHERE NAME='Neymar';



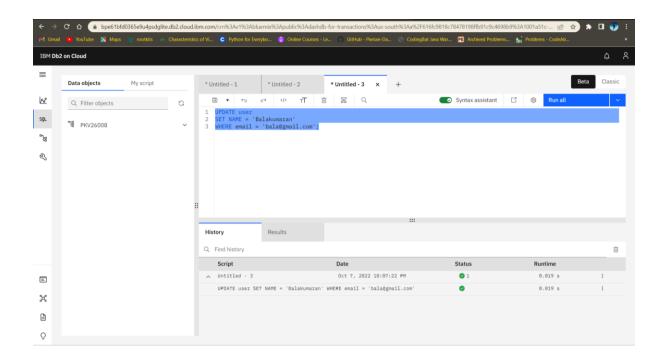


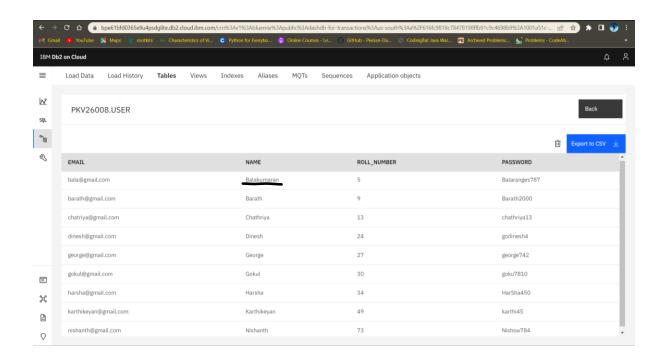
Query to update:

UPDATE user

SET NAME = 'Balakumaran'

WHERE email = 'bala@gmail.com';





3. Connect python to db2.

Code:

import ibm_db

```
hostname = '98538591-7217-4024-b027-
8baa776ffad1.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud'
uid = 'pkv26008'
pwd = 'R8wLXSonGnXwzwwp'
driver = "{IBM DB2 ODBC DRIVER}"
db = 'bludb'
port = '30875'
protocol = 'TCPIP'
cert = 'DigiCertGlobalRootCA.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())
```

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>
k 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:</pre>
#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>
k 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:</pre>
#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>
```

Signin.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width,initial-scale=1">
<title>SignIn</title>
k 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:</pre>
#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"</pre>
style="background-image:
url('https://png.pngtree.com/thumb_back/fh260/background/20200714/pngtree modern-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-sm 9">
<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 mb 4">Login</h1>
  <form method="POST" class="needs-validation"</pre>
  novalidate="" autocomplete="off">
  <div class="mb-3">
  <label class="mb-2 text-muted"</pre>
  for="email">E-Mail Address</label>
  <input id="email" type="email"</pre>
  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?
  </a>
  </div>
  <input id="password" type="password"</pre>
  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"</pre>
```

```
name="remember" id="remember"
class="form-check-input">
<label for="remember" class="form_check-label">Remember Me</label>
</div>
</button type="submit" class="btn btn_primary ms-auto">
Login
</button>
</div>
</div>
</div>
</div>
</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>
k 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:</pre>
#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/pngtree modern-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-sm 9">
<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 mb 4">Register</h1>
<form method="POST" class="needs-validation"</pre>
novalidate="" autocomplete="off">
<div class="mb-3">
  <label class="mb-2 text-muted"</pre>
  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"</pre>
  for="email">E-Mail Address</label>
  <input id="email" type="email"</pre>
  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"</pre>
  class="form-control" name="password"
  required>
  <div class="invalid-feedback">
```

```
Password is required
</div>
</div>
By registering you agree with our
terms and condition.
<div class="align-items-center d-flex">
<button type="submit" class="btn btn primary 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")
```