

CREATE IBM DB2 AND CONNECT WITH PYTHON

Date	12 November 2022
Team ID	PNT2022TMID13261
Project	Skill and Job Recommender

CODE:

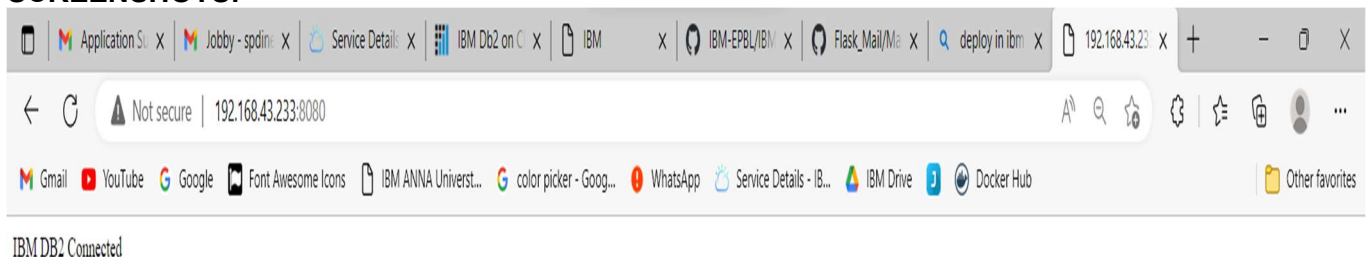
```
from flask import *
import os
import ibm_db
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=phb43134;PWD=mTTnIE45Raj9A0rr",";")
```

```
app = Flask(__name__)
app.secret_key = 'dsfaj38uhg9q384h9a84'
```

```
@app.route("/")
def index():
    if(conn!=False):
        return "IBM DB2 Connected"
    else:
        return "IBM DB2 failed to connect"
```

```
if __name__ == "__main__":
    app.run(debug=True,port=8080, host= '192.168.43.233') #running flask (Initialised on line 4)
```

SCREENSHOTS:



The screenshot shows the IBM Db2 on Cloud console interface. At the top, there's a navigation bar with the title 'IBM Db2 on Cloud' and a search bar. Below this, there's a sidebar with icons for various database objects. The main content area is divided into two panels: 'Schemas' and 'Tables'.

Schemas Panel:

<input checked="" type="checkbox"/>	Name	Type	Tables
<input checked="" type="checkbox"/>	PHB43134	User	6

Tables Panel:

<input type="checkbox"/>	Name	Schema	Properties
<input type="checkbox"/>	APPLYJOB	PHB43134	...
<input type="checkbox"/>	JOBPOST	PHB43134	...
<input type="checkbox"/>	JOBSEEKER3	PHB43134	...
<input type="checkbox"/>	RECRUITER	PHB43134	...
<input type="checkbox"/>	SUBSCRIBE	PHB43134	...
<input type="checkbox"/>	USER	PHB43134	...