

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

Find schemas or tables Refresh

Tables New table

Name	Schema	Properties
<input type="checkbox"/> USER	CTL94423	...
<input checked="" type="checkbox"/> USERTABLE	CTL94423	...

Total: 2, selected: 1

Table definition USERTABLE
Approximate 0 rows (0 KB)
Updated on 2022-10-28 14:08:30

Name	Data type	Nullable	Length	Scale
EMAIL	CHAR	Y	36	0
USERNAME	CHAR	Y	100	0
ROLLNUMBER	CHAR	Y	15	0
PASSWORD	CHAR	Y	15	0

View data

IBM Db2 on Cloud

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CTL94423.USERTABLE Back

Export to CSV

EMAIL	USERNAME	ROLLNUMBER	PASSWORD
vaish@gmail.com	vaish	221	2213e

IBM Cloud x IBM Db2 on Cloud x Obtain an IBM Cloud x Service Details - IBM x IBM Db2 on Cloud x IBM Cloud Docs x Cloud Foundry - IBM x +

bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/cn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fe3d3390b04c04adeb4ae6101dfc23a53%3Aa3370f8-2e73-402...

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

CTL94423.USERTABLE Back

Export to CSV

EMAIL	USERNAME	ROLLNUMBER	PASSWORD
preethi@gmail	preethi	234	@f34
priya@gmail	priya	299	@uo4
rani@gmail	rani	239	@fo4
vaish@gmail.com	vaish	221	2213e

Type here to search

IBM Cloud x IBM Db2 on Cloud x Obtain an IBM Cloud x Service Details - IBM x IBM Db2 on Cloud x IBM Cloud Docs x Cloud Foundry - IBM x +

bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/cn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fe3d3390b04c04adeb4ae6101dfc23a53%3Aa3370f8-2e73-402...

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

Generate SQL Back

*Untitled - 1 x +

Syntax assistant Run all

```
1 UPDATE "CTL94423"."USERTABLE"
2 SET
3   "EMAIL" = 'tanu@gmail.com',           --EMAIL CHAR(36)
4   "USERNAME" = 'tanu',                  --USERNAME CHAR(100)
5   "ROLLNUMBER" = '78',                  --ROLLNUMBER CHAR(15)
6   "PASSWORD" = 'ui8',                   --PASSWORD CHAR(15)
7   --Search condition (e.g. WHERE "EMAIL" = NULL)
8   WHERE username = 'rani';
9
```

History

Type here to search

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bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fe3d3390b04c04adeb4ae6101dfc23a53%3Aa3370f8-2e73-402...

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CTL94423.USERTABLEBack

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EMAIL	USERNAME	ROLLNUMBER	PASSWORD
preethi@gmail	preethi	234	@f34
priya@gmail	priya	299	@uo4
tanu@gmail.com	tanu	78	ui8
vaish@gmail.com	vaish	221	2213e

Type here to search

IBM CloudIBM Db2 on CloudObtain an IBM CloudService Details - IBMIBM Db2 on CloudIBM Cloud DocsCloud Foundry - IBM

bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fe3d3390b04c04adeb4ae6101dfc23a53%3Aa3370f8-2e73-402...

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CTL94423.USERTABLEBack

Export to CSV

EMAIL	USERNAME	ROLLNUMBER	PASSWORD
preethi@gmail	preethi	234	@f34
tanu@gmail.com	tanu	78	ui8
vaish@gmail.com	vaish	221	2213e

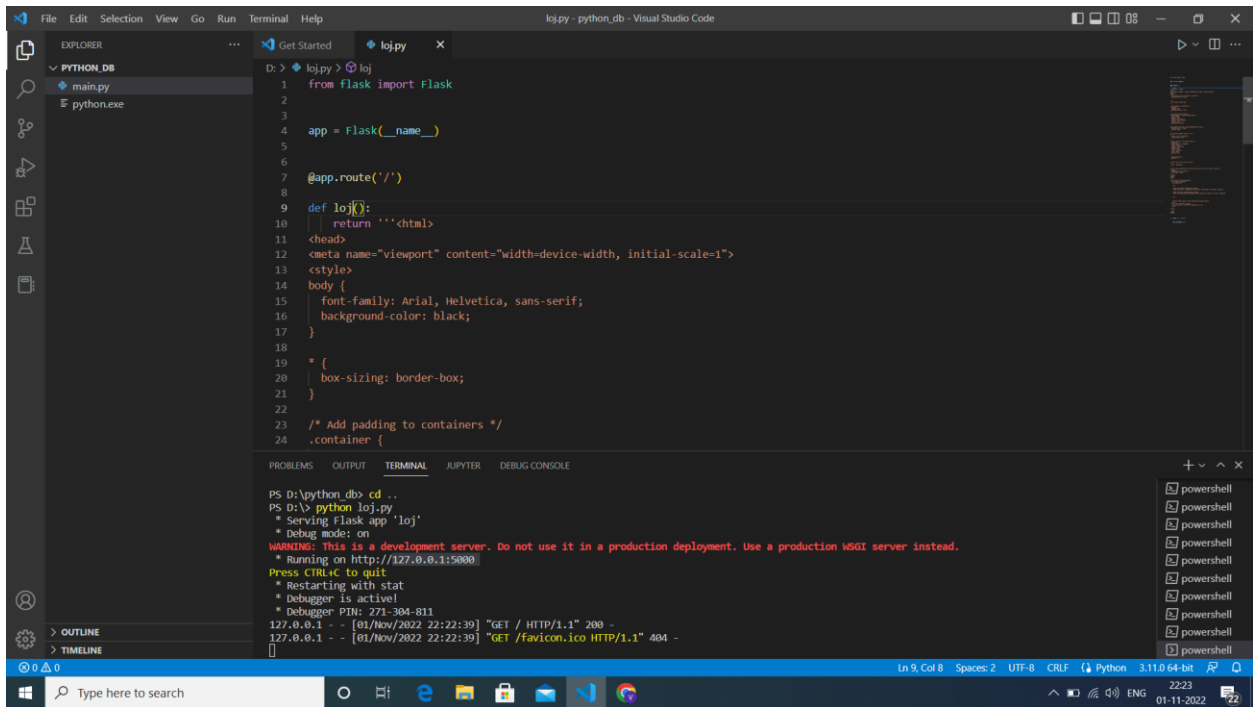
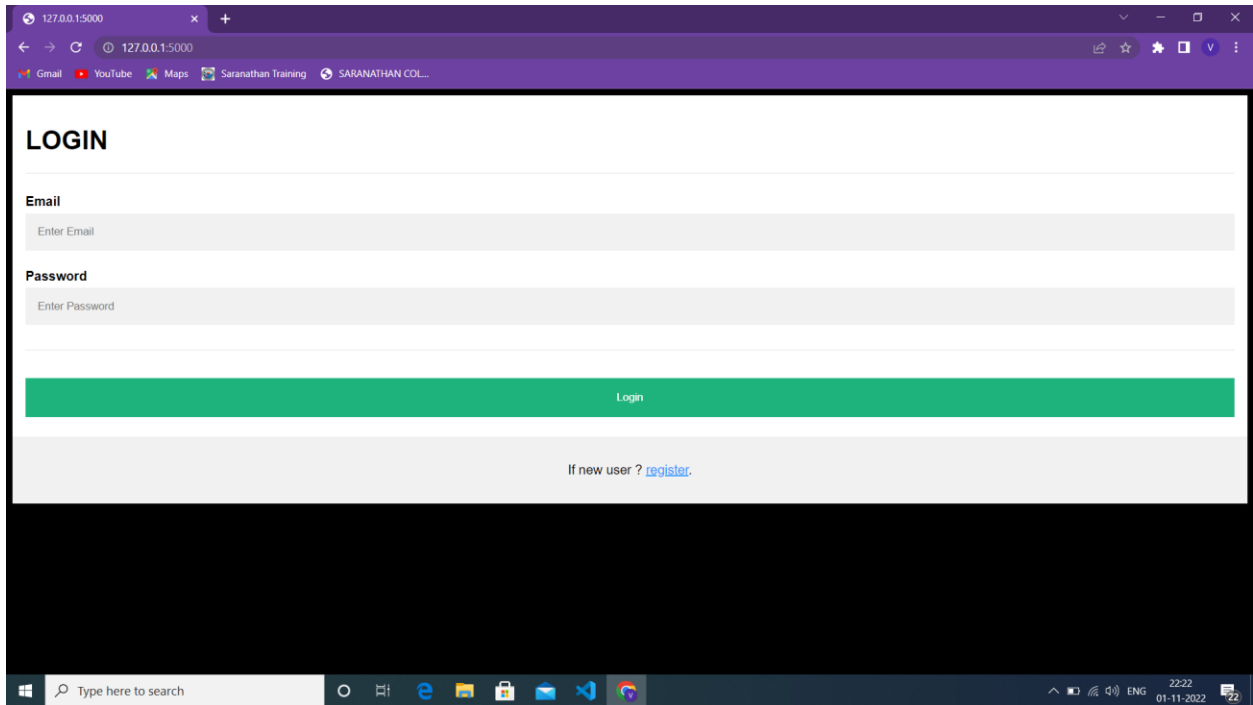
Type here to search

```
File Edit Selection View Go Run Terminal Help test.py - Visual Studio Code
test.py 1 X
D:\> test.py > ...
1 | import ibm_db
2
3 | hostname="b70af05b-76e4-4bca-a1f5-23dbb4c6a74e.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud"
4 | uid="ct194423"
5 | pwd="NUA4qjarhw7q4w0K"
6 | driver="{IBM DB2 ODBC DRIVER}"
7 | db="bludb"
8 | port="32716"
9 | protocol="TCP/IP"
10 | cert="DigicertGlobalRootCA.crt"
11
12 | dsn=(
13 |     "DATABASE={0};"
14 |     "HOSTNAME={1};"
15 |     "PORT={2};"
16 |     "UID={3};"
17 |     "SECURITY=SSL;"
18 |     "SSLServerCertificate={4};"
19 |     "pwd={5};"
20 | ).format(db,hostname,port,uid,cert,pwd)
21
22 | print(dsn)
23 | try:
24 |     db2=ibm_db.connect(dsn,"","")
25 |     print("connected to data base")
26 | except:
27 |     print("Unable to connect",ibm_db.conn_errormsg())
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18362.959]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\elcot\Desktop\workplace>python dbconn.py
DATABASE=bludb;HOSTNAME=125f9f61-9715-46f9-9399-c8177b21803b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30426;UID=ycp91380;SECURITY=SSL;SSLServerCertificate=DigicertGlobalRootCA.crt;pwd=g0Ub6JoKwusynyZ2;
connected to data base

C:\Users\elcot\Desktop\workplace>
```



The screenshot shows the Visual Studio Code editor with the file `loj.py` open. The Explorer sidebar on the left shows the project structure with `PYTHON_DB` containing `main.py` and `python.exe`. The main editor area displays the following CSS code:

```
24 .container {
25     padding: 10px;
26     background-color: white;
27 }
28
29 /* Full-width input fields */
30 input[type=text], input[type=password] {
31     width: 100%;
32     padding: 15px;
33     margin: 5px 0 22px 0;
34     display: inline-block;
35     border: none;
36     background: #f1f1f1;
37 }
38
39 input[type=text]:focus, input[type=password]:focus {
40     background-color: #ddd;
41     outline: none;
42 }
43
44 /* Overwrite default styles of hr */
45 hr {
46     border: 1px solid #f1f1f1;
47     margin-bottom: 25px;
48 }
```

The TERMINAL panel at the bottom shows the following output:

```
PS D:\python_db> cd ..
PS D:\> python loj.py
* Serving Flask app 'loj'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 271-304-811
127.0.0.1 - - [01/Nov/2022 22:22:39] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [01/Nov/2022 22:22:39] "GET /favicon.ico HTTP/1.1" 404 -
```

The screenshot shows the Visual Studio Code editor with the file `loj.py` open. The Explorer sidebar on the left shows the project structure with `PYTHON_DB` containing `main.py` and `python.exe`. The main editor area displays the following CSS code:

```
51 .registerbtn {
52     background-color: #04AA6D;
53     color: white;
54     padding: 10px 20px;
55     margin: 8px 0;
56     border: none;
57     cursor: pointer;
58     width: 100%;
59     opacity: 0.9;
60 }
61
62 .registerbtn:hover {
63     opacity: 1;
64 }
65
66 /* Add a blue text color to links */
67 a {
68     color: dodgerblue;
69 }
70
71 /* Set a grey background color and center the text of the "sign in" section */
72 .signin {
73     background-color: #f1f1f1;
74     text-align: center;
75 }
```

The TERMINAL panel at the bottom shows the following output:

```
PS D:\python_db> cd ..
PS D:\> python loj.py
* Serving Flask app 'loj'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
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127.0.0.1 - - [01/Nov/2022 22:22:39] "GET /favicon.ico HTTP/1.1" 404 -
```

127.0.0.1:5000

127.0.0.1:5000

Gmail YouTube Maps Saranathan Training SARANATHAN COL...

REGISTER

Please fill in this form to create an account.

Email

FirstName

LastName

DOB

Password

Repeat Password

Windows Taskbar: Type here to search, File Explorer, Edge, Mail, Calendar, Photos, Settings, System Tray: 22:43, 01-11-2022

127.0.0.1:5000

127.0.0.1:5000

Gmail YouTube Maps Saranathan Training SARANATHAN COL...

FirstName

LastName

DOB

Password

Repeat Password

Already have an account? [login](#).

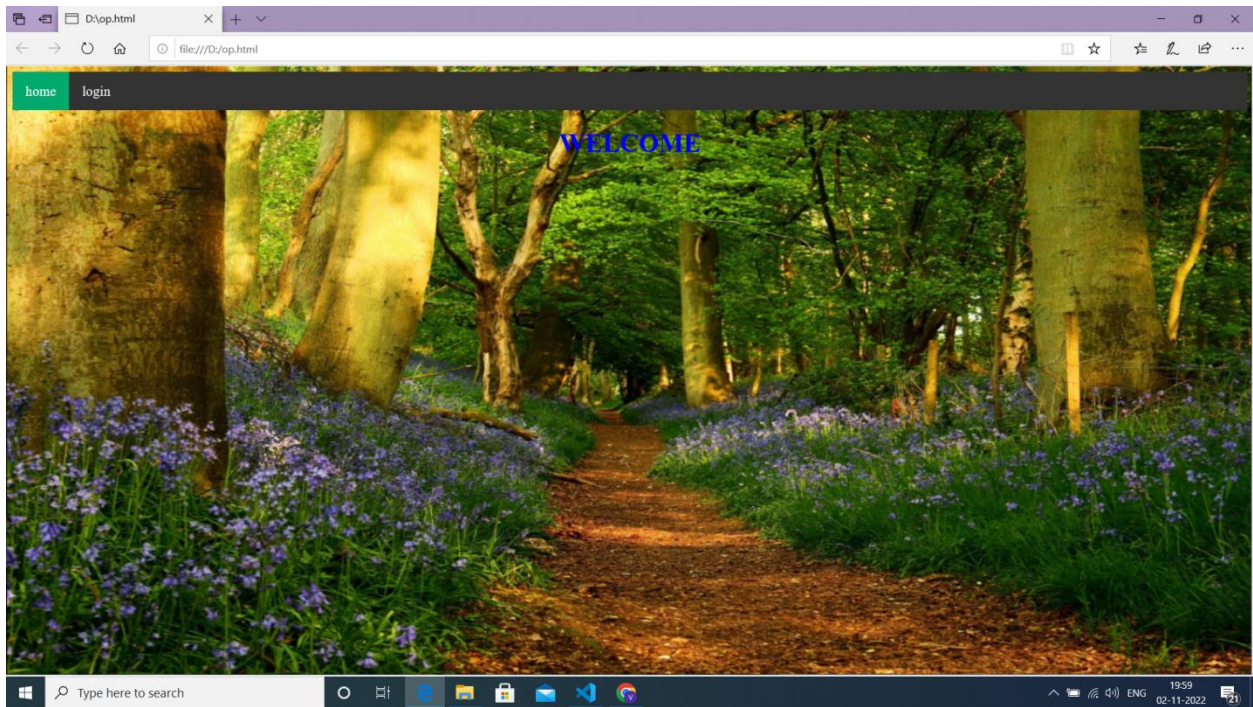
Windows Taskbar: Type here to search, File Explorer, Edge, Mail, Calendar, Photos, Settings, System Tray: 22:43, 01-11-2022

```
1 from flask import Flask
2
3
4 app = Flask(__name__)
5
6
7 @app.route('/')
8
9 def reg():
10     return '''html>
11 <head>
12 <meta name="viewport" content="width=device-width, initial-scale=1">
13 <style>
14
15     body {
16         font-family: Arial, Helvetica, sans-serif;
17         background-color: black;
18     }
19
20     * {
21         box-sizing: border-box;
22     }
23
24     /* Add padding to containers */
25     .container {
26         padding: 16px;
27         background-color: white;
28     }
29
30     /* Full-width input fields */
31     input[type=text], input[type=password] {
32         width: 100%;
33         padding: 15px;
34         margin: 5px 0 22px 0;
35         display: inline-block;
36         border: none;
37         background: #f1f1f1;
38 }
```

```
38 }
39
40 input[type=text]:focus, input[type=password]:focus {
41     background-color: #ddd;
42     outline: none;
43 }
44
45 /* Overwrite default styles of hr */
46 hr {
47     border: 1px solid #f1f1f1;
48     margin-bottom: 25px;
49 }
50
51 /* Set a style for the submit button */
52 .registerbtn {
53     background-color: #04AA6D;
54     color: white;
55     padding: 16px 20px;
56     margin: 8px 0;
57     border: none;
58     cursor: pointer;
59     width: 100%;
60     opacity: 0.9;
61 }
62
63 .registerbtn:hover {
64     opacity: 1;
65 }
66
67 /* Add a blue text color to links */
68 a {
69     color: dodgerblue;
70 }
71
72 /* Set a grey background color and center the text of the "sign in" section */
73 .signin {
74     background-color: #f1f1f1;
```



```
File Edit Selection View Go Run Terminal Help reg.py - python_db - Visual Studio Code
EXPLORER PYTHON_DB
main.py python.exe
D:\> reg.py > reg
74 background-color: #f1f1f1;
75 text-align: center;
76 }
77 </style>
78 </head>
79 <body>
80
81 <form action="/action_page.php" >
82 <div class="container">
83 <h1>REGISTER</h1>
84 <p>Please fill in this form to create an account.</p>
85 <hr>
86
87 <label for="email"><b>Email</b></label>
88 <input type="text" placeholder="Enter Email" name="email" id="email" required>
89 <label for="text"><b>FirstName</b></label>
90 <input type="text" placeholder="Enter FirstName" name="fname" id="fname" required>
91 <label for="text"><b>LastName</b></label>
92 <input type="text" placeholder="Enter LastName" name="lname" id="lname" required>
93 <label for="email"><b>DOB</b></label>
94 <br/>
95 <input type="date" placeholder="Enter DOB" name="dob" id="dob" required>
96 <br/>
97 <label for="psw"><b>Password</b></label>
98 <input type="password" placeholder="Enter Password" name="psw" id="psw" required>
99
100 <label for="psw-repeat"><b>Repeat Password</b></label>
101 <input type="password" placeholder="Repeat Password" name="psw-repeat" id="psw-repeat" required>
102
103 <hr>
104
105
106 <button type="submit" class="registerbtn">Register</button>
107 </div>
108
109 <div class="container signin">
110 <p>Already have an account? <a href="#">login</a>.</p>
111 </div>
```



The screenshot shows the Visual Studio Code interface with a file named `welc.py` open. The Explorer sidebar on the left shows "NO FOLDER OPENED" with buttons for "Open Folder" and "Clone Repository". The main editor displays the following Python code:

```
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.route('/')
6
7 def welc():
8     return '<html>
9     <head>
10     <style>
11     body {
12         background-image: url('re.png');
13         background-repeat: no-repeat;
14         background-attachment: fixed;
15         background-size: 100% 100%;
16     }
17     hi{
18         color:blue ;
19     }
20     .topnav {
21         background-color: #333;
```

The TERMINAL panel at the bottom shows the command prompt output:

```
PS C:\Users\USER> cd d:
PS D:\> python welc.py
PS D:\> python welc.py
* Serving Flask app 'welc'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [02/Nov/2022 19:59:14] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [02/Nov/2022 19:59:14] "GET /re.png HTTP/1.1" 404 -
127.0.0.1 - - [02/Nov/2022 19:59:14] "GET /favicon.ico HTTP/1.1" 404 -
```

The status bar at the bottom indicates the file is at line 15, column 20, with 2 spaces, UTF-8 encoding, CRLF line endings, and Python 3.11.0 64-bit.

The screenshot shows the continuation of the `welc.py` file in Visual Studio Code. The code continues from the previous snippet:

```
22     }
23     .topnav {
24         background-color: #333;
25         overflow: hidden;
26     }
27
28 /* Style the links inside the navigation bar */
29 .topnav a {
30     float: left;
31     color: #f2f2f2;
32     text-align: right;
33     padding: 14px 16px;
34     text-decoration: none;
35     font-size: 17px;
36 }
37
38 /* change the color of links on hover */
39 .topnav a:hover {
40     background-color: #ddd;
41     color: black;
42 }
43
44 /* Add a color to the active/current link */
45 .topnav a.active {
46     background-color: #04AA6D;
47     color: white;
48 }
49 </style>
50 </head>
51 <body>
52
53 <div class="topnav">
54     <a class="active" href="#home">home</a>
55     <a href="#login">login</a>
56 </div>
57
58 <center><h1>WELCOME</h1></center>
```

The status bar at the bottom indicates the file is at line 15, column 20, with 2 spaces, UTF-8 encoding, CRLF line endings, and Python 3.11.0 64-bit.