

IMPLEMENTING WEB APPLICATION

CREATE IBM DB2 AND CONNECT WITH PYTHON

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Project Name	Plasma Donor Application

The screenshot displays the IBM Db2 on Cloud web console. The 'Tables' tab is selected, showing a list of tables. The 'USER' table is selected, and its definition is shown on the right. The table has four columns: EMAIL (VARCHAR, 50), USERNAME (CHAR, 20), ROLLNO (INTEGER), and PWD (INTEGER). A 'View data' button is located at the bottom right of the table definition panel.

Name	Data type	Nullable	Length	Scale
EMAIL	VARCHAR	Y	50	0
USERNAME	CHAR	Y	20	0
ROLLNO	INTEGER	Y		0
PWD	INTEGER	Y		0


```
testconnection.py x
testconnection.py
1 import ibm_db
2
3 try:
4     ibm_db.connect("DATABASE=bludb;HOSTNAME=98538591-7217-4024-b027-8baa776ffad1.c3n41cmd0nqnk39u98g.databases.appdomain.cloud;PORT=30875;SECURITY=SSL;SSLServerCertifica
5     print("connect to database")
6 except:
7     print("Error connecting to database")
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** JUPYTER

PS C:\Users\DELL\OneDrive\Documents\Workplace\dbs\python_db> python .\testconnection.py
connect to database
PS C:\Users\DELL\OneDrive\Documents\Workplace\dbs\python_db> |