

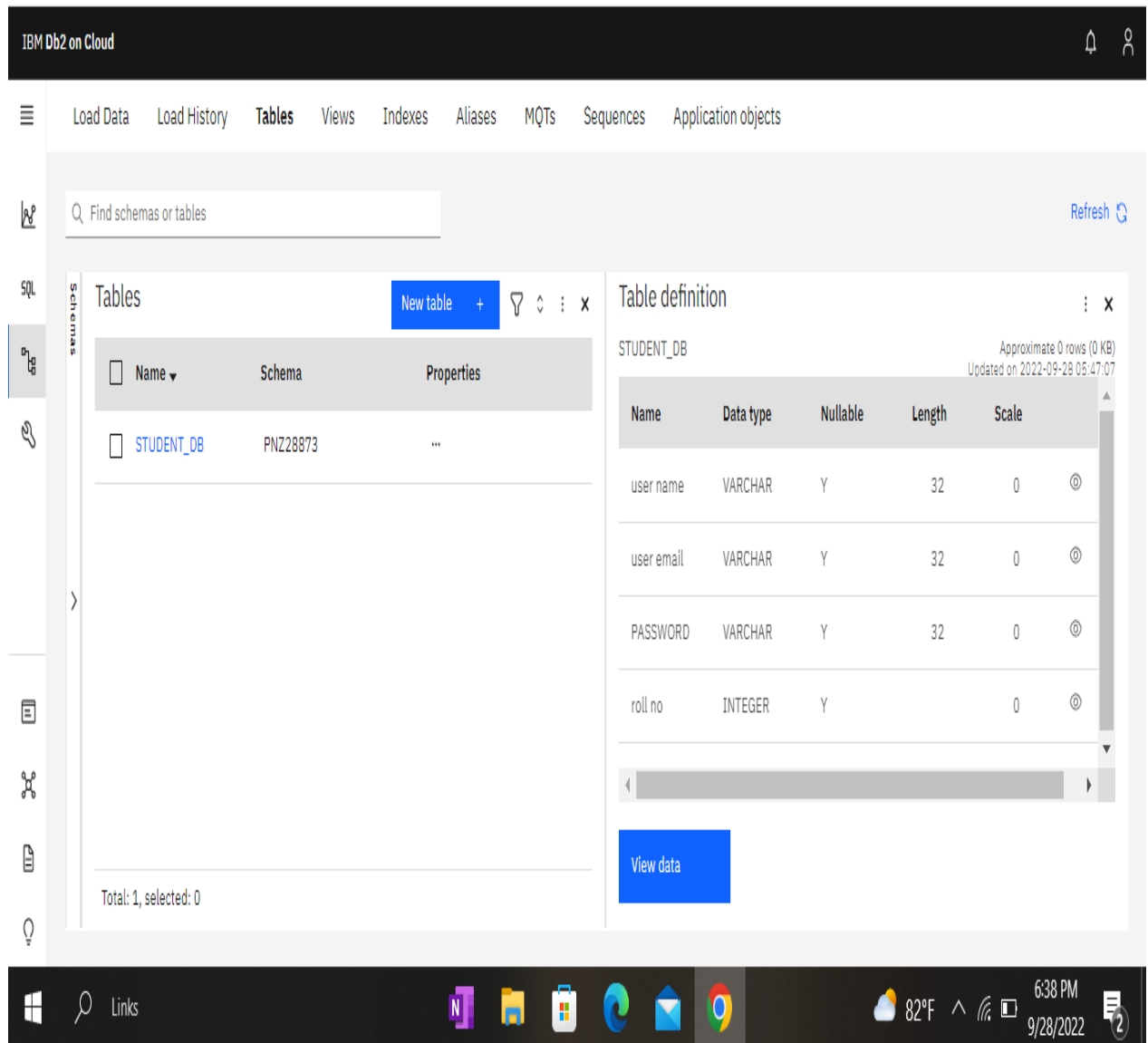
SKILL AND JOB RECOMMENDER

ASSIGNMENT -2

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1) Create a user table with user email, user name ,roll no, password.



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
STUDENT_DB	PNZ228873	...

Total: 1, selected: 0

Table definition

STUDENT_DB Approximate 0 rows (0 KB)
Updated on 2022-09-28 05:47:07

Name	Data type	Nullable	Length	Scale
user name	VARCHAR	Y	32	0
user email	VARCHAR	Y	32	0
PASSWORD	VARCHAR	Y	32	0
roll no	INTEGER	Y		0

View data

Windows taskbar: 82°F, 6:38 PM, 9/28/2022

2) Perform update delete queries with user table

The screenshot displays the IBM Db2 on Cloud console interface. At the top, the title bar reads 'IBM Db2 on Cloud'. Below it, a navigation bar contains tabs for 'Load Data', 'Load History', 'Tables' (which is selected), 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. A search bar labeled 'Find schemas or tables' is positioned below the navigation bar. On the left side, there is a vertical sidebar with icons for 'SQL', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The main content area is divided into two panels. The left panel, titled 'Schemas', contains a table with the following data:

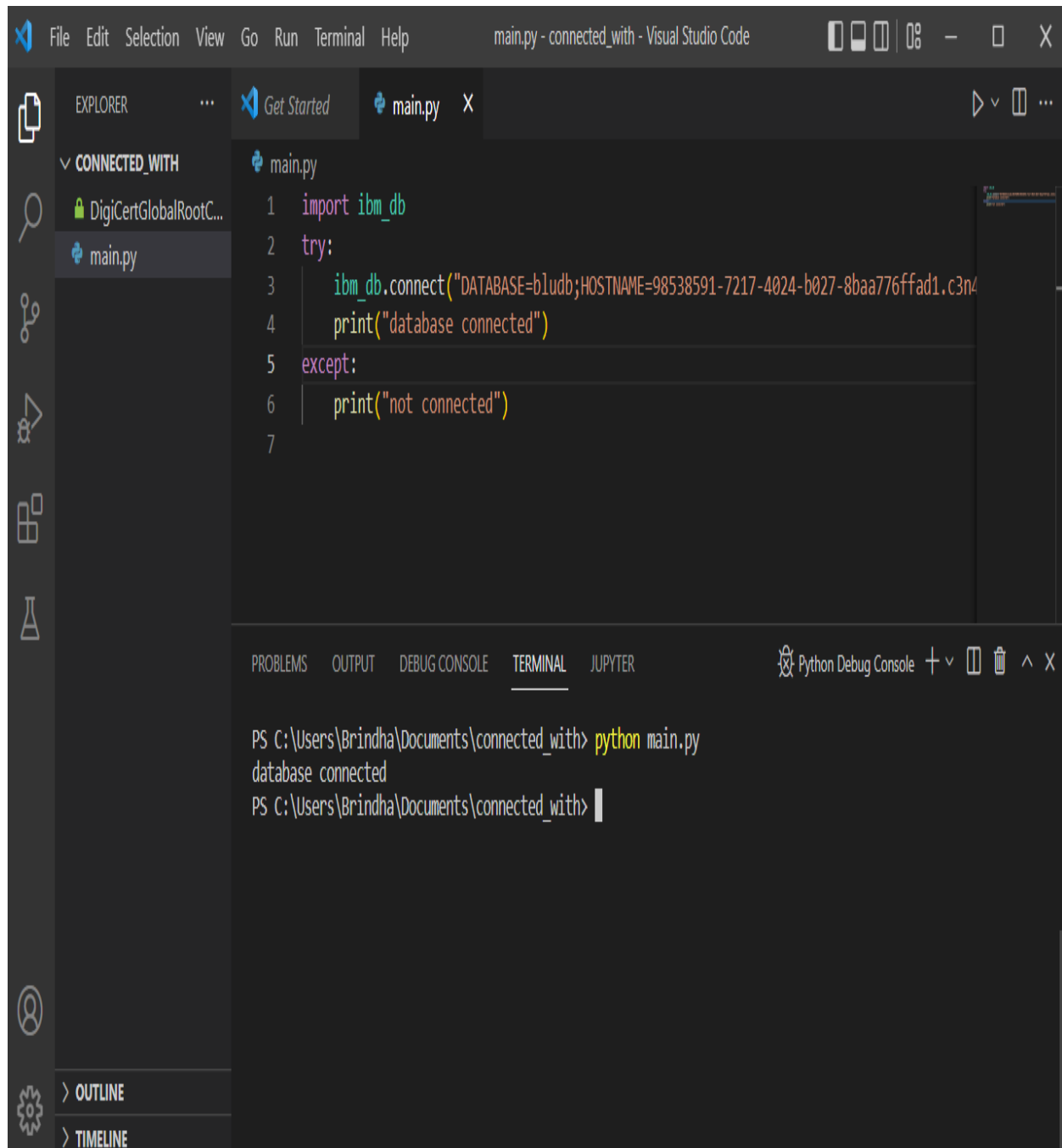
<input checked="" type="checkbox"/>	Name	Type	Tables ▲
<input checked="" type="checkbox"/>	PNZ28873	User	1

Below this table, it says 'Total: 1, selected: 1'. The right panel, titled 'Tables', contains a table with the following data:

<input type="checkbox"/>	Name ▼	Schema	Properties
<input type="checkbox"/>	STUDENT_DB	PNZ28873	...

Below this table, it says 'Total: 1, selected: 0'. The 'STUDENT_DB' table is highlighted in blue. At the top right of the 'Tables' panel, there is a blue button labeled 'New table +' and a set of icons for filtering, sorting, and refreshing.

3) Connect python code with db2 (database)



The screenshot displays the Visual Studio Code interface. The Explorer sidebar on the left shows a project named 'CONNECTED_WITH' containing a file 'main.py'. The main editor window shows the code for 'main.py'.

```
1 import ibm_db
2 try:
3     ibm_db.connect("DATABASE=bludb;HOSTNAME=98538591-7217-4024-b027-8baa776ffad1.c3n4
4     print("database connected")
5 except:
6     print("not connected")
7
```

Below the editor, the TERMINAL panel is active, showing the command prompt output:

```
PS C:\Users\Brindha\Documents\connected_with> python main.py
database connected
PS C:\Users\Brindha\Documents\connected_with>
```

4) Create a flask app with registration page, login page and welcome page. By default load the registration page once the user enters all the fields, store the data in the database and navigate to the login page to authenticate user username and password. If the user is valid, show the welcome page.

a)Login page:

LOG IN

jothika@gmail.com
.....
Sign Up

b)welcome page:



c) registration page:

REGISTRATION PAGE

User Name:

User Email:

Roll No:

Password: