

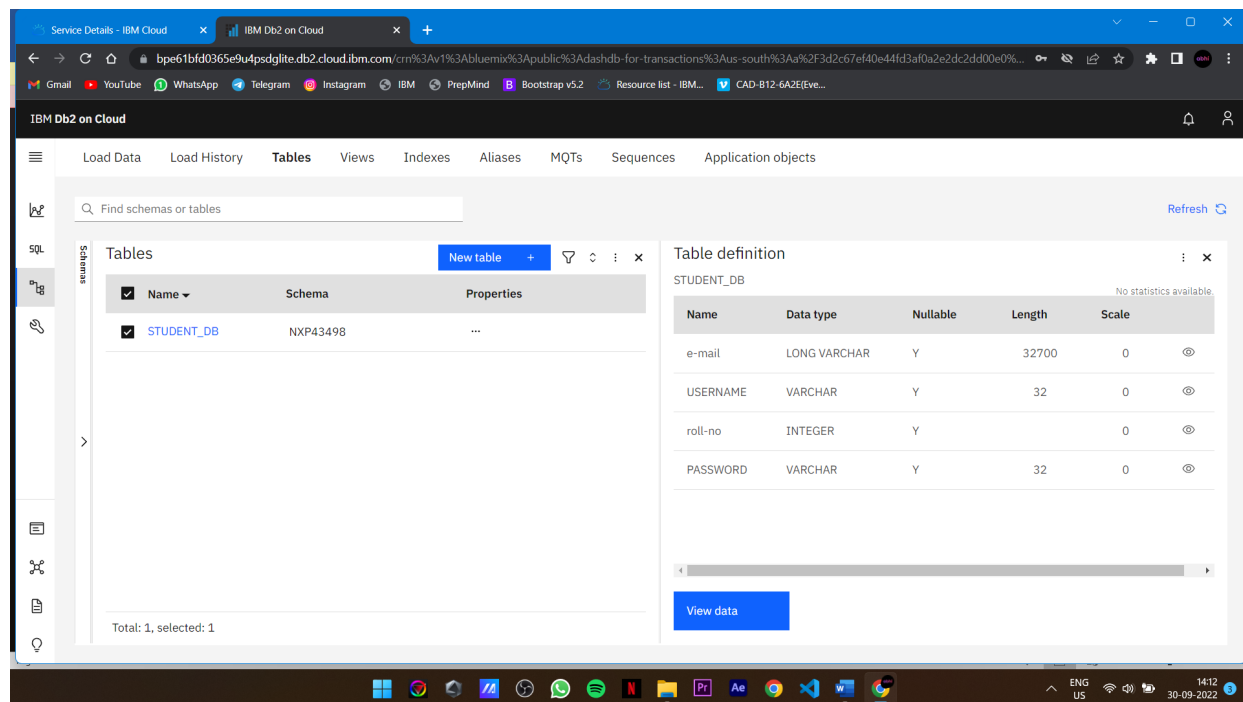
# SMART FASHION RECOMMENDER APPLICATION

## ASSIGNMENT -2

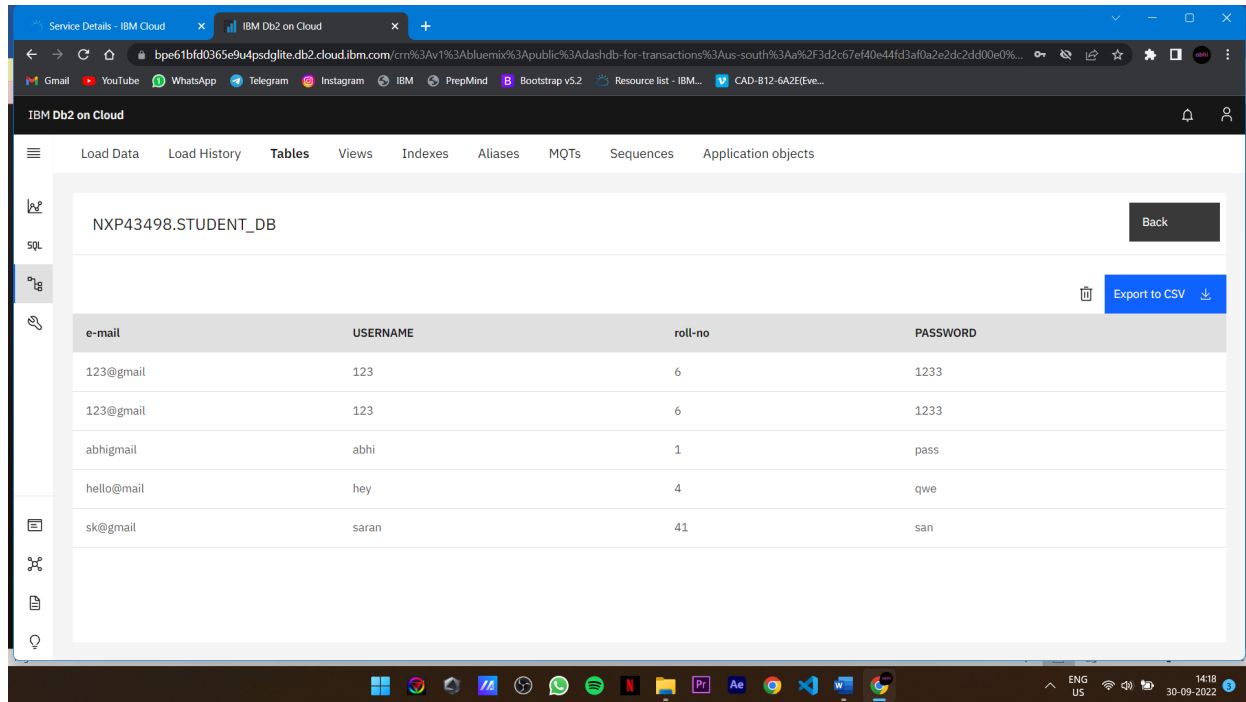
TEAM ID: PNT2022TMID42734

STUDENT NAME: Abhijith.M

1. Create a user 1table with username,Email, Rollnumber and Password.



## 2. Perform update,delete queries with usertable:



Service Details - IBM Cloud

IBM Db2 on Cloud

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

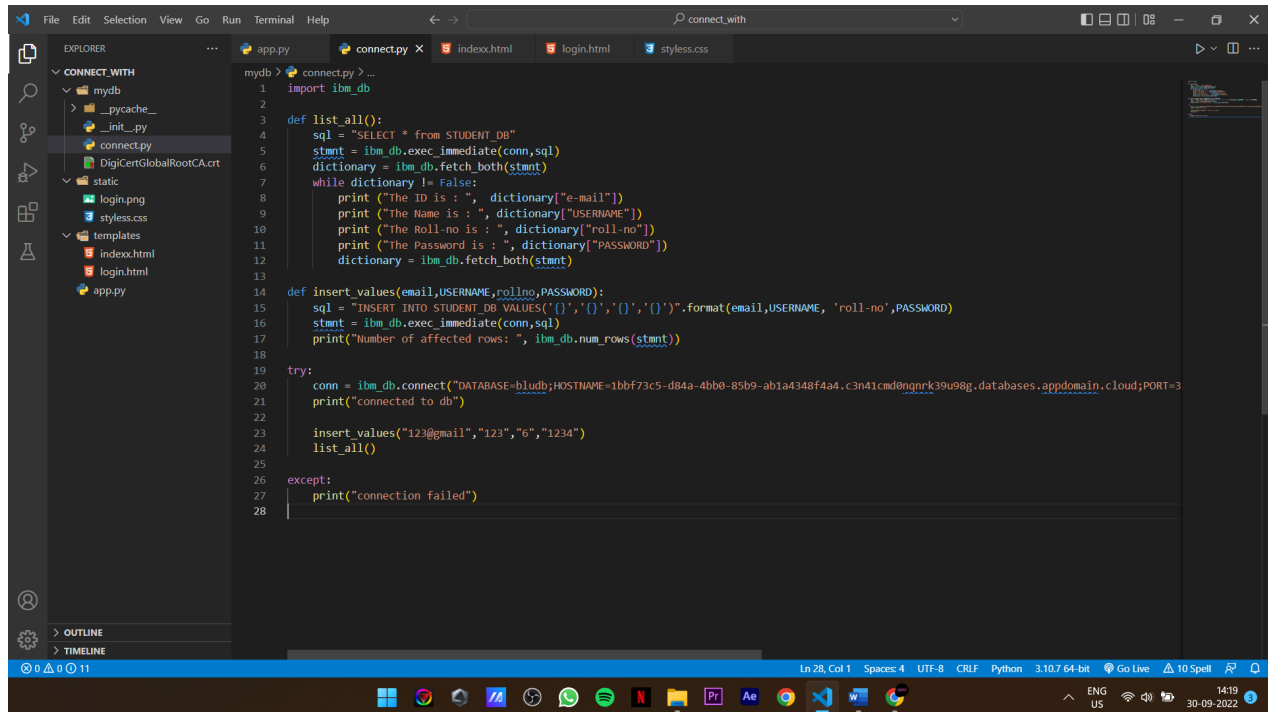
NXP43498.STUDENT\_DB

Back

Export to CSV

e-mail	USERNAME	roll-no	PASSWORD
123@gmail	123	6	1233
123@gmail	123	6	1233
abhi@gmail	abhi	1	pass
hello@mail	hey	4	qwe
sk@gmail	saran	41	san

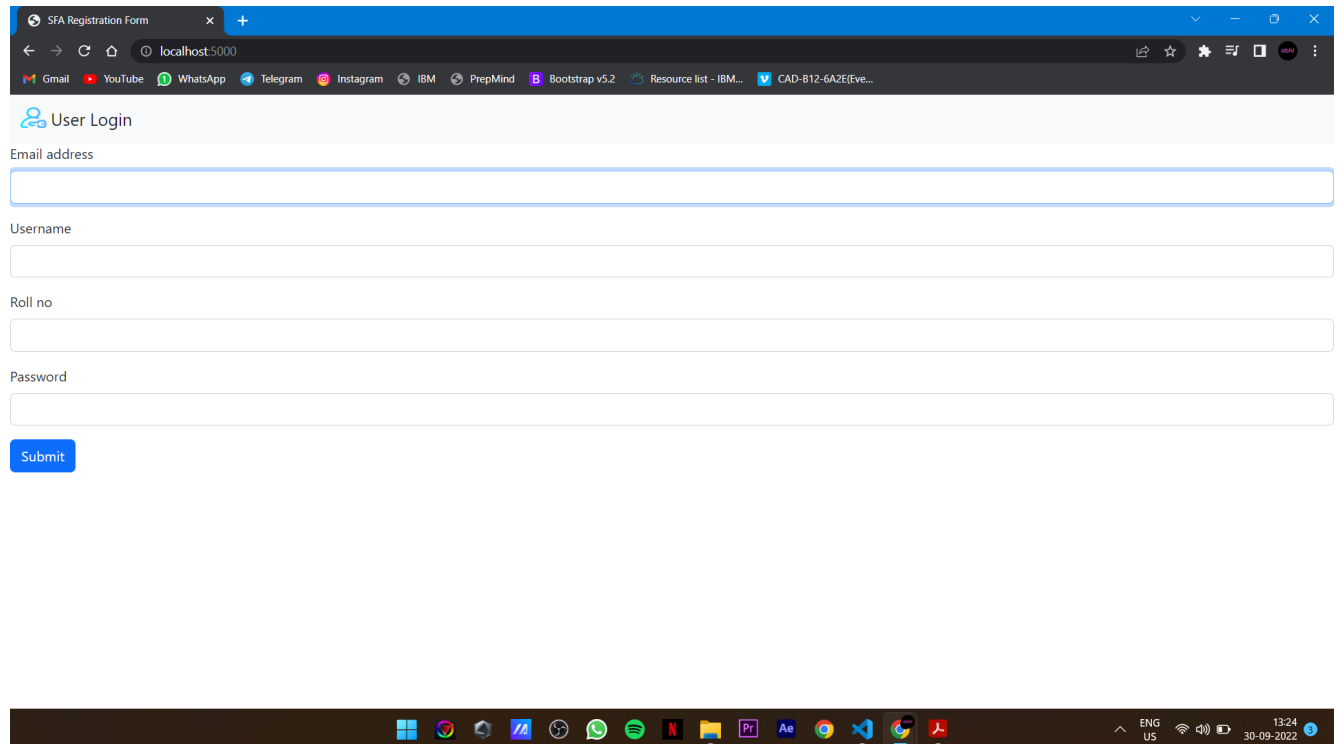
## 3. Connect pythoncode withdb2(Database):



```
1 import ibm_db
2
3
4 def list_all():
5     sql = "SELECT * from STUDENT_DB"
6     stmt = ibm_db.exec_immediate(conn,sql)
7     dictionary = ibm_db.fetch_both(stmt)
8     while dictionary != False:
9         print ("The ID is : ", dictionary["e-mail"])
10        print ("The Name is : ", dictionary["USERNAME"])
11        print ("The Roll-no is : ", dictionary["roll-no"])
12        print ("The Password is : ", dictionary["PASSWORD"])
13        dictionary = ibm_db.fetch_both(stmt)
14
15 def insert_values(email,USERNAME,rollno,PASSWORD):
16     sql = "INSERT INTO STUDENT_DB VALUES('{}','{}','{}','{}').format(email,USERNAME, 'roll-no',PASSWORD)
17     stmt = ibm_db.exec_immediate(conn,sql)
18     print("number of affected rows: ", ibm_db.num_rows(stmt))
19
20 try:
21     conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=1bbf73c5-d84a-4bb0-85b9-ab1a4348f4a4.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=3
22     print("connected to db")
23     insert_values("123@gmail","123","6","1234")
24     list_all()
25
26 except:
27     print("connection failed")
28
```

4. 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) Registration page:

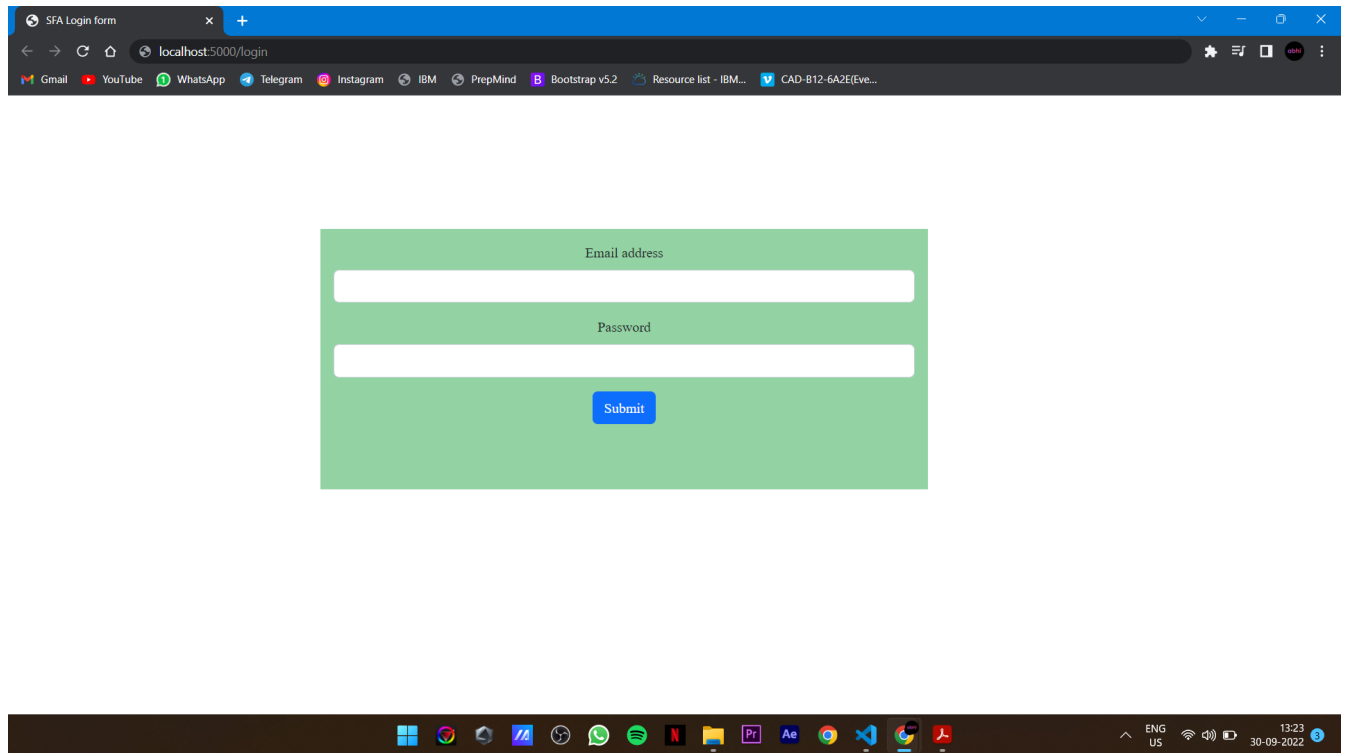


The screenshot shows a web browser window with the title 'SFA Registration Form' and the address bar displaying 'localhost:5000'. The browser's address bar also shows several open tabs: Gmail, YouTube, WhatsApp, Telegram, Instagram, IBM, PrepMind, Bootstrap v5.2, Resource list - IBM..., and CAD-B12-6A2E(Eve...).

The web page has a header with a user icon and the text 'User Login'. Below the header, there are four input fields labeled 'Email address', 'Username', 'Roll no', and 'Password'. Each field is a simple text input box. At the bottom of the form, there is a blue 'Submit' button.

The Windows taskbar is visible at the bottom of the screen, showing various application icons including the Start menu, File Explorer, and several communication apps like WhatsApp and Telegram. The system tray on the right shows the language set to 'ENG US', the date '30-09-2022', and the time '13:24'.

b) Login page:



c) Homepage:

