

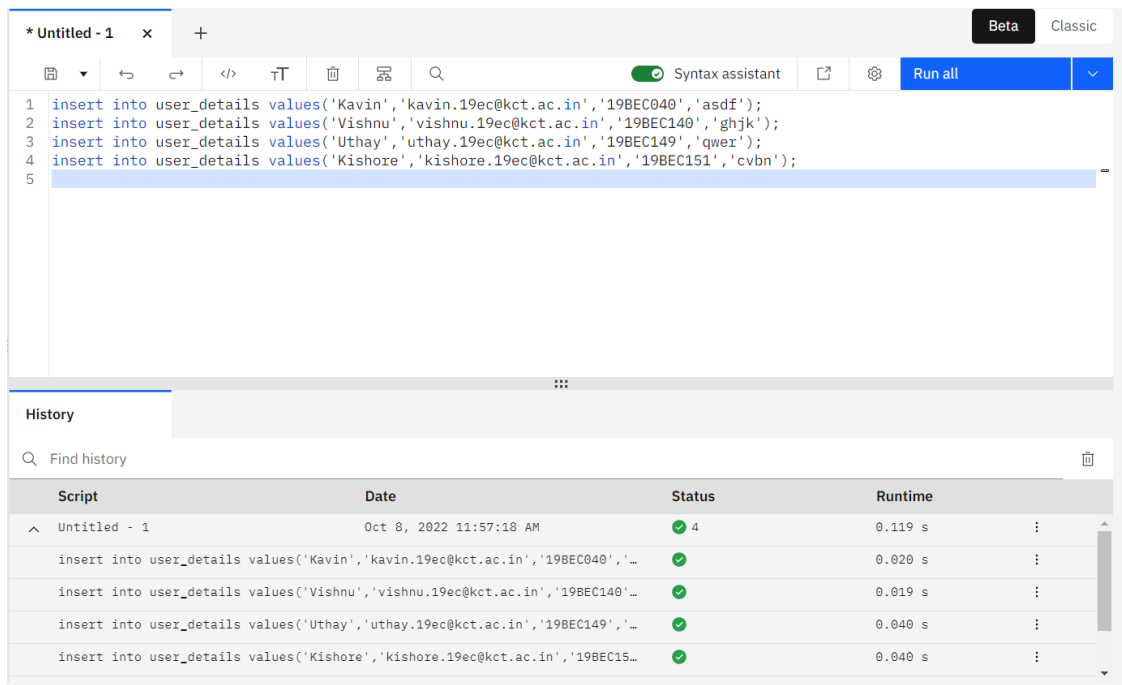
PERSONAL EXPENSE TRACKER APPLICATION

ASSIGNMENT 2

BATCH: B2A4E-08

1. Create a user table with user's Name, Email, Roll no and Password

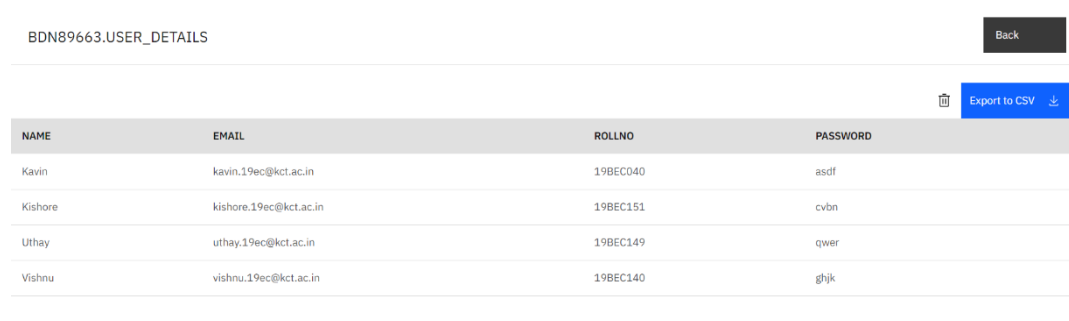
SQL Query:



```
1 insert into user_details values('Kavin','kavin.19ec@kct.ac.in','19BEC040','asdf');
2 insert into user_details values('Vishnu','vishnu.19ec@kct.ac.in','19BEC140','ghjk');
3 insert into user_details values('Uthay','uthay.19ec@kct.ac.in','19BEC149','qwer');
4 insert into user_details values('Kishore','kishore.19ec@kct.ac.in','19BEC151','cvbn');
```

Script	Date	Status	Runtime
Untitled - 1	Oct 8, 2022 11:57:18 AM	✓ 4	0.119 s
insert into user_details values('Kavin','kavin.19ec@kct.ac.in','19BEC040','_		✓	0.020 s
insert into user_details values('Vishnu','vishnu.19ec@kct.ac.in','19BEC140'_		✓	0.019 s
insert into user_details values('Uthay','uthay.19ec@kct.ac.in','19BEC149','_		✓	0.040 s
insert into user_details values('Kishore','kishore.19ec@kct.ac.in','19BEC15_		✓	0.040 s

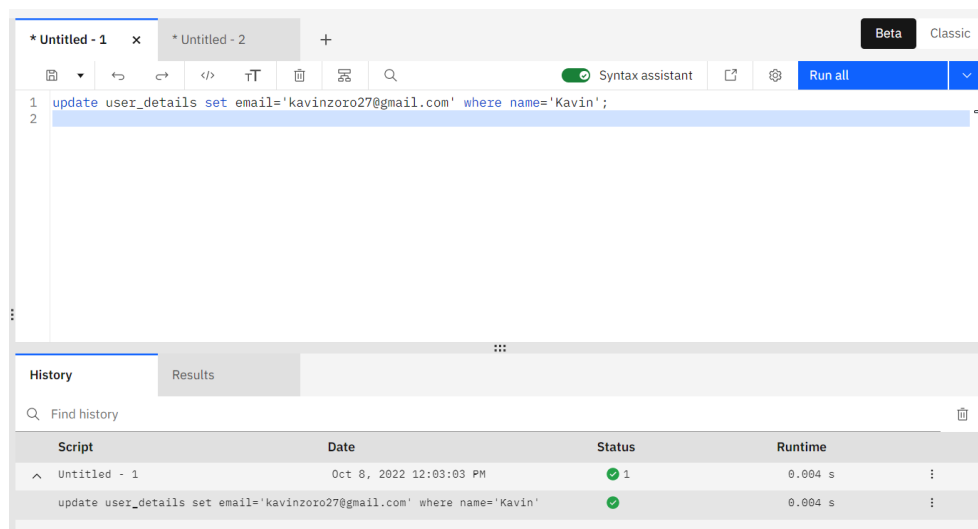
Output Table:



BDN89663.USER_DETAILS				Back
				Export to CSV
NAME	EMAIL	ROLLNO	PASSWORD	
Kavin	kavin.19ec@kct.ac.in	19BEC040	asdf	
Kishore	kishore.19ec@kct.ac.in	19BEC151	cvbn	
Uthay	uthay.19ec@kct.ac.in	19BEC149	qwer	
Vishnu	vishnu.19ec@kct.ac.in	19BEC140	ghjk	

2. Perform UPDATE and DELETE Queries.

Update Query:



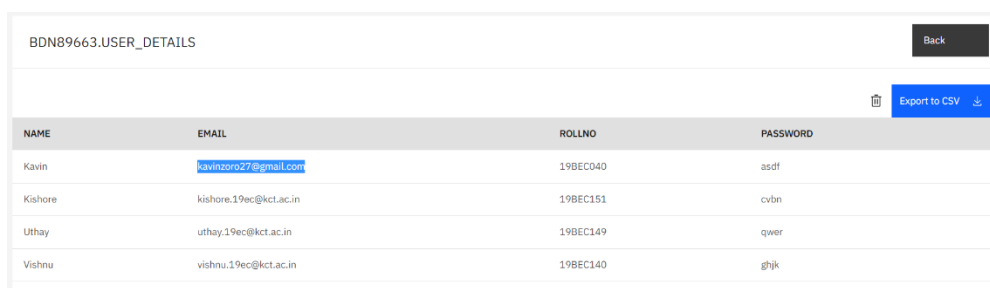
The screenshot shows a SQL query editor interface. At the top, there are tabs for "Untitled - 1" and "Untitled - 2". A toolbar includes icons for file operations, a search bar, a "Syntax assistant" toggle, and a "Run all" button. The main text area contains the following SQL query:

```
1 update user_details set email='kavinzoro27@gmail.com' where name='Kavin';
2
```

Below the editor, there is a "History" tab. It displays a table of executed queries:

Script	Date	Status	Runtime
Untitled - 1	Oct 8, 2022 12:03:03 PM	✓ 1	0.004 s
update user_details set email='kavinzoro27@gmail.com' where name='Kavin'		✓	0.004 s

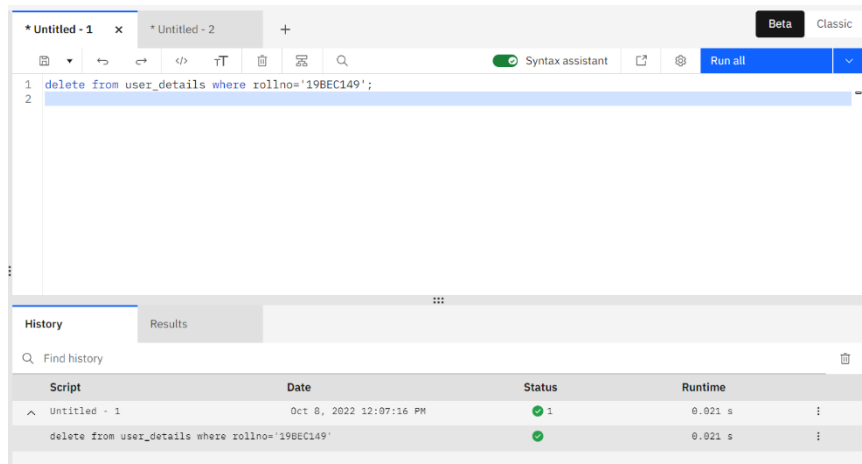
Updated Table:



The screenshot shows a web application interface for a table named "BDN89663.USER_DETAILS". There is a "Back" button in the top right corner. Below the table name, there is an "Export to CSV" button. The table itself has four columns: NAME, EMAIL, ROLLNO, and PASSWORD. The data is as follows:

NAME	EMAIL	ROLLNO	PASSWORD
Kavin	kavinzoro27@gmail.com	19BEC040	asdf
Kishore	kishore.19ec@kct.ac.in	19BEC151	cvbn
Uthay	uthay.19ec@kct.ac.in	19BEC149	qwer
Vishnu	vishnu.19ec@kct.ac.in	19BEC140	ghjk

Delete Query:



Updated Table:

BDN89663.USER_DETAILS				Back
				Export to CSV
NAME	EMAIL	ROLLNO	PASSWORD	
Kavin	kavinzoro27@gmail.com	19BEC040	asdf	
Kishore	kishore.19ec@kct.ac.in	19BEC151	cvbn	
Vishnu	vishnu.19ec@kct.ac.in	19BEC140	ghjk	

3. Connect python with db2

```
conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=b1bc1829-6f45-4cd4-bef4-10cf081900bf.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32304;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt; UID=bdn89663;PWD=y9pVOZ7qDlOOo9sm","")
```

4. Create a flask app with registration page, Login page and welcome page.

Registration Page:



Registration Form

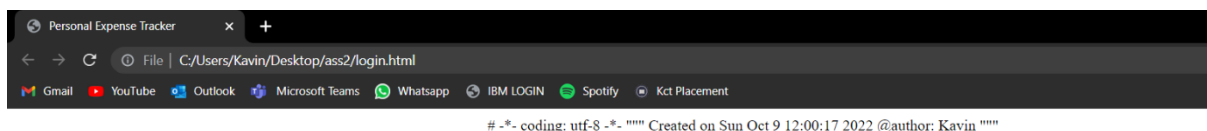
Username:

Email:

Rollno:

Password:

Login Page:

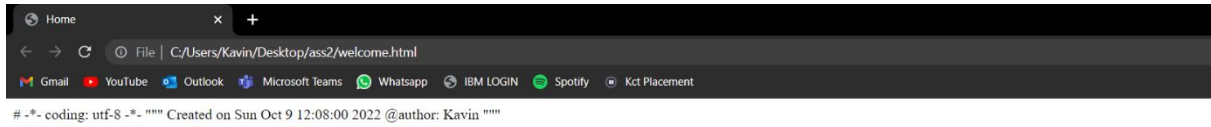


Login Form

Email:

Password:

Welcome Page:



Welcome Kavin! You have successfully logged in

- All the codes for the flask application and HTML codes are uploaded in GitHub for reference.