

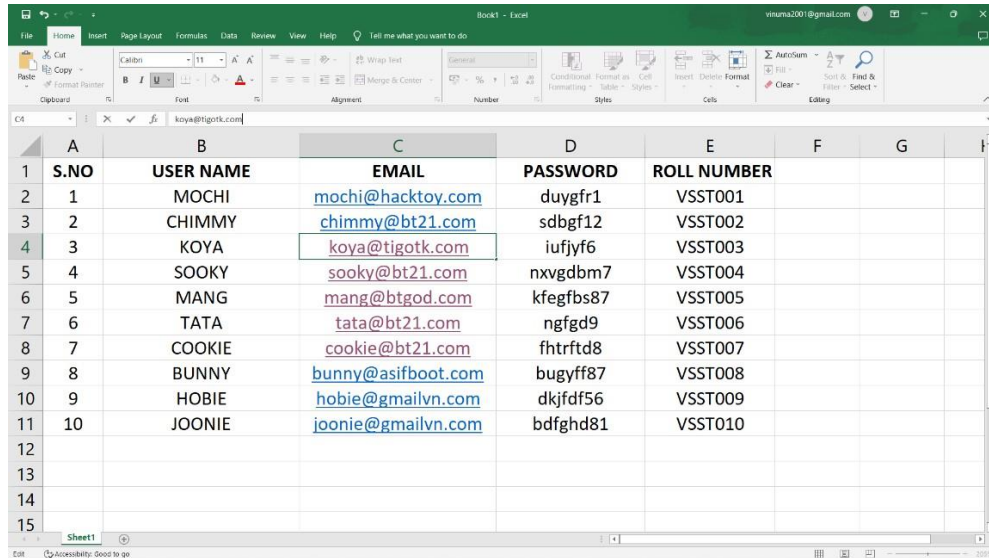
Assignment -2

CLOUD APPLICATION DEVELOPEMENT

Assignment Date	19 September 2022
Student Name	ALJUNA.A
Student Roll Number	812419104501
Maximum Marks	2 Marks

Question-1:

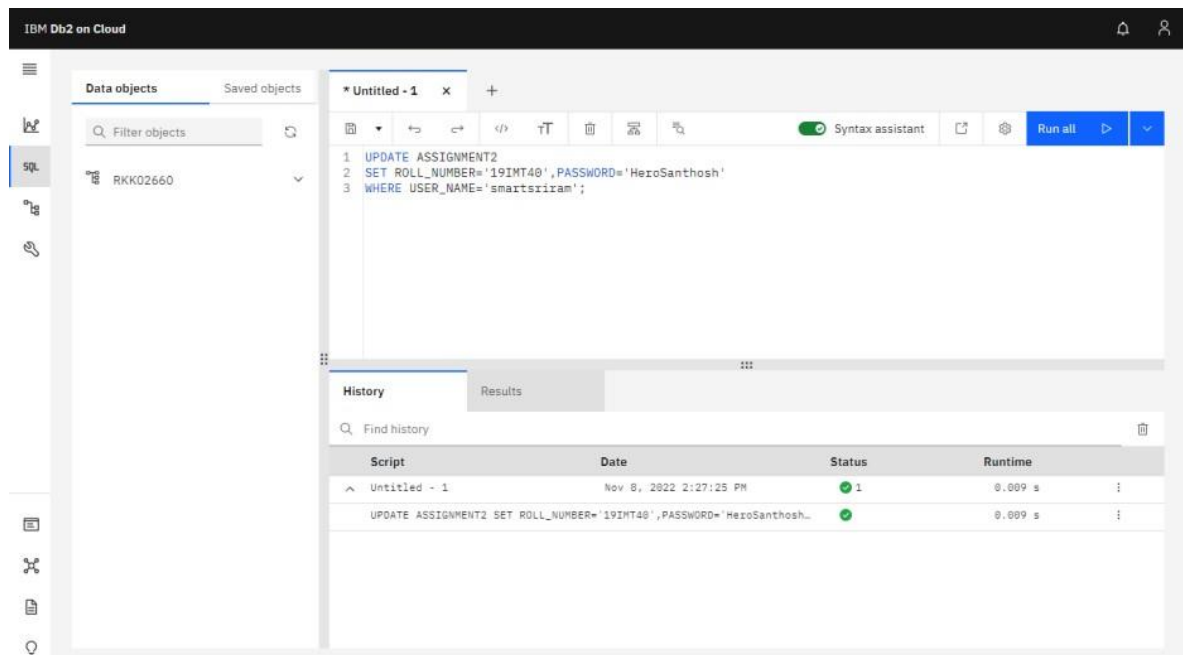
1. Create User table with email, username, rollnumber, password.



S.NO	USER NAME	EMAIL	PASSWORD	ROLL NUMBER
1	MOCHI	mochi@hacktoy.com	duygr1	VSST001
2	CHIMMY	chimmy@bt21.com	sdbgf12	VSST002
3	KOYA	koya@tigotk.com	iufjyf6	VSST003
4	SOOKY	sooky@bt21.com	nxvgdbm7	VSST004
5	MANG	mang@btgod.com	kfegfbs87	VSST005
6	TATA	tata@bt21.com	ngfgd9	VSST006
7	COOKIE	cookie@bt21.com	fhtrftd8	VSST007
8	BUNNY	bunny@asifboot.com	bugyff87	VSST008
9	HOBIE	hobie@gmailvn.com	dkjfdf56	VSST009
10	JOONIE	joonie@gmailvn.com	bdfghd81	VSST010

Question-2:

2. Perform UPDATE, DELETE Queries with user table



IBM Db2 on Cloud

Data objects: RKK02660

SQL Editor:

```

1 UPDATE ASSIGNMENT2
2 SET ROLL_NUMBER='191MT40',PASSWORD='HeroSanthosh'
3 WHERE USER_NAME='smartsriam';

```

History:

Script	Date	Status	Runtime
Untitled - 1	Nov 8, 2022 2:27:25 PM	✓ 1	0.009 s
UPDATE ASSIGNMENT2 SET ROLL_NUMBER='191MT40',PASSWORD='HeroSanthosh...		✓	0.009 s

RKK02 660.ASSIGNED E NT2

Back



Run



Question-3:

Connect python code to db2.

The screenshot shows the IBM Db2 on Cloud console interface. At the top, there's a navigation bar with 'Service Details - IBM Cloud' and 'IBM Db2 on Cloud'. Below this, a red error banner states: 'Error: Invalid file type. Supported file types are .csv and .txt.' The main content area is titled 'Load details' and shows a 'My computer' target with the file 'excel data.csv' loaded into 'PYD03172.DEMO'. A green success message box says: 'The data load job succeeded. Load excel data.csv from My Computer to PYD03172.DEMO' with a timestamp of '2022/10/04, 12:28 PM' and a 'View details' link. Below this, a 'Status' section displays a donut chart with '11 Rows read', '11 Rows loaded', and '0 Rows rejected'. It also shows the 'Start time' as '10/04/2022 12:28:38 PM' and 'End time' as '10/04/2022 12:28:42 PM'. A large text box states 'The data load job succeeded. You can now work with your data.' To the right, an 'Errors' section shows 'No errors'. The bottom of the console shows a file explorer with 'excel data.xlsx' selected.

The screenshot shows the 'Define' step of a data load job in the IBM Db2 on Cloud console. The 'Source' is 'excel data.csv' and the 'Target' is 'PYD03172.DEMO'. The 'Code page (character encoding)' is set to '1208 (UTF-8)' and the 'Separator' is a comma. The 'Header in first row' checkbox is checked. The 'Time & date format' is set to 'Time & date format' and 'Detect data types' is checked. Below this, a table displays the data being loaded:

S_NO	USER_NAME	EMAIL	PASSWORD	ROLL_NUMBER
SMALLINT	VARCHAR(6)	VARCHAR(18)	VARCHAR(9)	VARCHAR(7)
1	MOCHI	mochi@hacktoy.com	duygr1	VST001
2	CHIMMY	chimmy@bt21.com	sdbgt12	VST002
3	KOYA	koya@tigotk.com	iufjy6	VST003
4	SOOKY	sooky@bt21.com	nvvgdbm7	VST004
5	MANG	mang@btgod.com	kfegfbs87	VST005
6	TATA	tata@bt21.com	ngfgd9	VST006
7	COOKIE	cookie@bt21.com	thtrftd8	VST007
8	BUNNY	bunny@asifboot.com	bugyft87	VST008
9	HOBIE	hobie@gmailvn.com	dkjctf56	VST009
10	JOONIE	joonie@gmailvn.com	bdftgd81	VST010

At the bottom right, there are 'Back' and 'Next' buttons.

Question-4:

3. 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 database and navigate to login page. Authenticate user with username and password. If the user is valid show the welcome page.

[Source code](#)

```
app.py
from flask import Flask,render_template
app=Flask(__name__)
@app.route("/")
def home():
    return "welcome to nta"
if __name__=="__main__":
    app.run(debug=True)
```

```
from flask import Flask,render_template
app=Flask(__name__)
@app.route("/")
def home():
    return "welcome to nta"
if __name__=="__main__":
    app.run(debug=True)
```

