

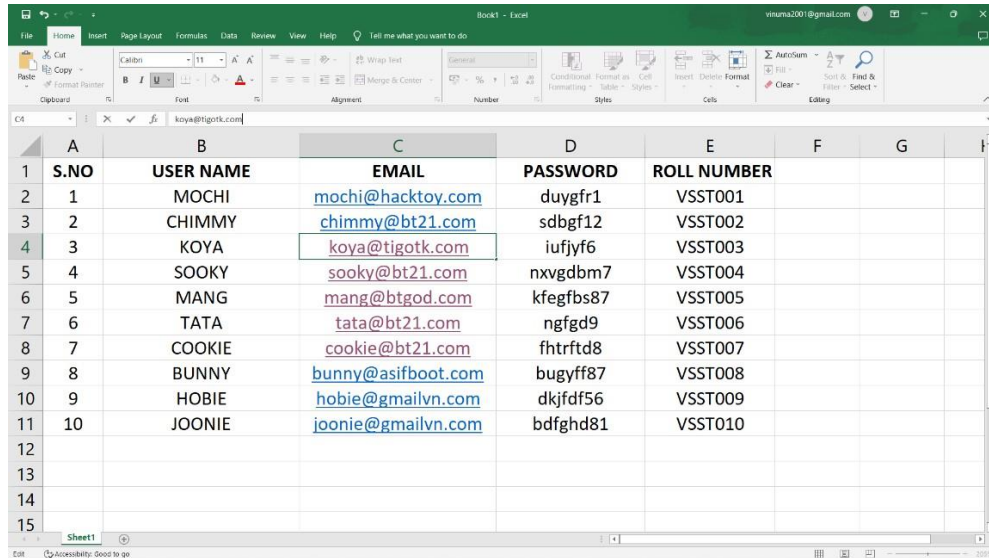
Assignment -2

CLOUD APPLICATION DEVELOPEMENT

| | |
|---------------------|-------------------|
| Assignment Date | 19 September 2022 |
| Student Name | S.REENA |
| Student Roll Number | 812419104054 |
| Maximum Marks | 2 Marks |

Question-1:

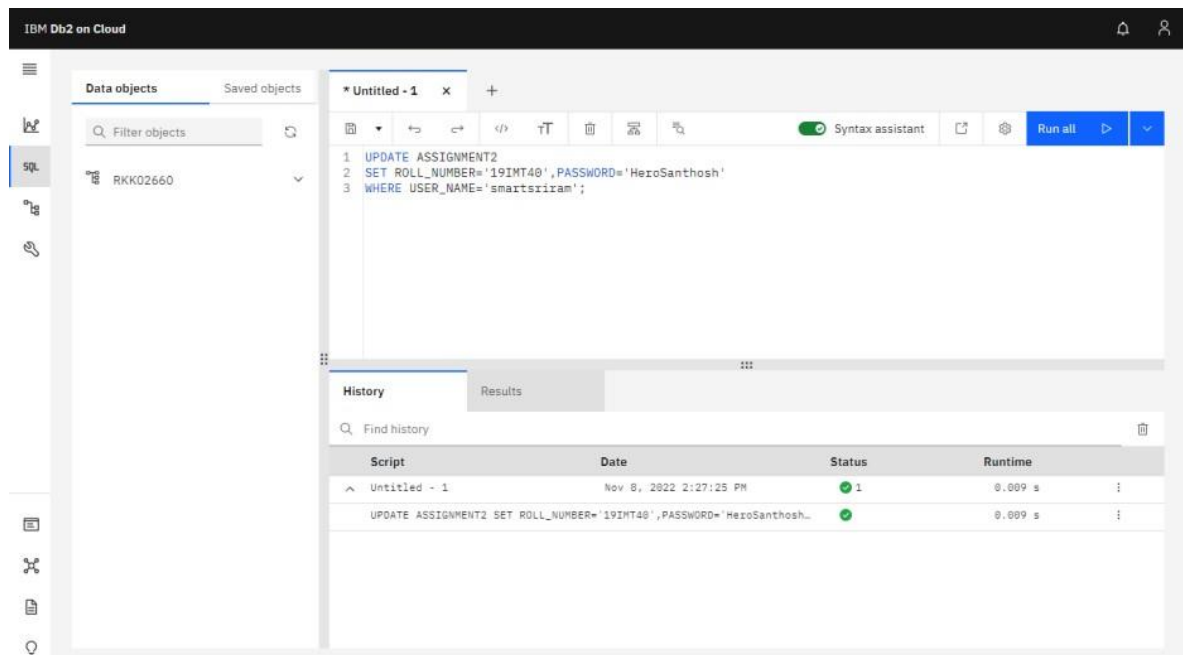
1. Create User table with email, username, rollnumber, password.



| 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: Filter objects

SQL: RKK02660

Script Editor:

```

1 UPDATE ASSIGNMENT2
2 SET ROLL_NUMBER='19IMT40',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='19IMT40',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 message bar indicates 'Error: Invalid file type. Supported file types are .csv and .txt.' A 'Load details' section shows a 'My computer' source and 'PYD03172.DEMO' target. A large blue circle graphic indicates the job is 'COMPLETE'. A summary shows 11 rows read, 11 rows loaded, and 0 rows rejected. The start time is 10/04/2022 12:28:38 PM and the end time is 10/04/2022 12:28:42 PM. A message states 'The data load job succeeded. You can now work with your data.' On the right, a notification box says 'The data load job succeeded. Load excel data.csv from My Computer to PYD03172.DEMO' with a 'View details' link. The bottom bar shows 'IBM Db2 on Cloud.html' and 'excel data.xlsx'.

The screenshot shows the 'Define' step of a data load job in the IBM Db2 on Cloud console. The 'Source' is 'You are loading the file excel data.csv into PYD03172.DEMO'. The 'Code page (character encoding)' is set to '1208 (UTF-8)'. The 'Separator' is a comma. The 'Header in first row' is checked. The 'Time & date format' is set to 'Time & date format'. The 'Detect data types' is checked. A table shows 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 | fhtrfrd8 | VST007 |
| 8 | BUNNY | bunny@asifboot.com | bugyft87 | VST008 |
| 9 | HOBIE | hobie@gmailvn.com | dkjctf56 | VST009 |
| 10 | JOONIE | joonie@gmailvn.com | bdftghd81 | VST010 |

At the bottom right, there are 'Back' and 'Next' buttons. The bottom bar shows 'IBM Db2 on Cloud.html' and 'excel data.xlsx'.

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)
```

