ASSIGNMENT 04

TOPIC: SKILL AND JOB RECOMMENDER

TEAM MEMBERS: G.NANDISH

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R.SARAVANAN

1.create ten tables in IBM2 db2 and insert data by using insert query:

==

1.db2 create table professional.employee(id int, name

varchar(50),jobrole varchar(30),joindate date,

salary double) in ts1

Isert queries:

   db2 insert into professional.customer(custid, fullname, phone)

values(100,'ravi','9898989')

   db2 insert into professional.customer(custid, fullname, phone)

values(100,'ravi','9898989')

   (101,'krathi','87996659')

   (102,'gopal','768678687')

   (103,'mani','9898989')

(104,'shilpa','87996659')

(105,'meena','768678687')

(106,'praveen','9898989')

(107,'srinivas','87996659')

(108,'magesh','768678687')

2.CREATE TABLE recipes (

 recipe_id INT NOT NULL,

 recipe_name VARCHAR(30) NOT NULL,

 PRIMARY KEY (recipe_id),

 UNIQUE (recipe_name)

);

INSERT QUERIES:

INSERT INTO recipes

   (recipe_id, recipe_name)

VALUES

(1,"Tacos"),

(2,"Tomato Soup"),

(3,"Grilled Cheese")

(4,"chicken biriyani")

(5,"mutton biriyani")

(6,"shawarma")

(7,"egg noodles")

(8,"BBQ")

(9,"VEG BIRIYANI")

(10,"sandwitch");

```
3.CREATE TABLE ingredients (

 ingredient_id INT NOT NULL,

 ingredient_name VARCHAR(30) NOT NULL,

 ingredient_price INT NOT NULL,

 PRIMARY KEY (ingredient_id),

 UNIQUE (ingredient_name)
);
```

INSERT QUERIES:

```sql
INSERT INTO ingredients

   (ingredient_id, ingredient_name, ingredient_price)

VALUES

   (1, "Beef", 5),

   (2, "Lettuce", 1),

   (3, "Tomatoes", 2),

   (4, "Taco Shell", 2),

   (5, "Cheese", 3),

   (6, "Milk", 1),

   (7, "Bread", 2);
```

```sql
4.CREATE TABLE recipe_ingredients (

 recipe_id int NOT NULL,

 ingredient_id INT NOT NULL,

 amount INT NOT NULL,

 PRIMARY KEY (recipe_id,ingredient_id)

);
```

INSERT QUERIES:

```sql
INSERT INTO recipe_ingredients

   (recipe_id, ingredient_id, amount)

VALUES

   (1,1,1),

   (1,2,2),
```

(1,3,2),

(1,4,3),

(1,5,1),

(2,3,2),

(2,6,1),

(3,5,1),

(3,7,2),

(1,3,2),

(1,4,3),

(1,5,1),

(2,3,2),

(2,6,1),

(1,3,2),

(1,4,3),

(1,5,1),

(2,3,2),

(2,6,1);

5.CREATE TABLE groceries (

 id INTEGER PRIMARY KEY,

 name TEXT,

 quantity INTEGER);

INSERT QUERIES:

INSERT INTO groceries

VALUES

(1, "Bananas", 4)

(2, "Peanut Butter", 1)

(3, "Dark chocolate bars", 2)

(4, "DRAGON FRUIT", 1)

(5, "pine apple", 4)

(6, "gova", 1)

(7, "apple", 2)

(8, "orange", 1)

(9, "pumkin", 3)

(10, "grapes", 1)

(11 "watermelon", 1)

6.db2 create table professional(id int, name

varchar(50),jobrole varchar(30),joindate date,

salary double) in ts1

Isert queries:

db2 insert into professional(custid, fullname, phone)

values(100,'ravi','9898989')

db2 insert into professional(custid, fullname, phone)

values(1,'balaji','9898989')

    (2,'kiran','87996659')

    (3,'dinesh','768678687')

    (4,'chidu','9898989')

    (5,'naveenraj','87996659')

    (6,'jaipraveen','768678687')

    (7,'surya','9898989')

    (8,'sandeep','87996659')

    (9,'karankumar','768678687')

7.CREATE TABLE fooditems (

 recipe_id INT NOT NULL,

 recipe_name VARCHAR(30) NOT NULL,

 PRIMARY KEY (recipe_id),

 UNIQUE (recipe_name)

);

INSERT QUERIES:

INSERT INTO recipes

  (recipe_id, recipe_name)

VALUES

(1,"lemon rice"),

(2,"noodles"),

(3,"Grilled chicken")

(4,"chicken biriyani")

(5,"mutton biriyani")

(6,"curd rice")

(7,"egg noodles")

(8,"masal poori")

(9,"vaangi baath")

(10,"masala magi");

8.CREATE TABLE items (

ingredient_id INT NOT NULL,

ingredient_name VARCHAR(30) NOT NULL,

ingredient_price INT NOT NULL,

PRIMARY KEY (ingredient_id),

UNIQUE (ingredient_name)

);

INSERT QUERIES:

INSERT INTO ingredients

(ingredient_id, ingredient_name, ingredient_price)

VALUES

(1, "chilli powder", 5),

(2, "cooriender powder", 1),

(3, "turmeric", 2),

(4, "salt", 2),

(5, "pepper powder", 3),

(6, "sugar", 1),

(7, "food colour", 2);

9.CREATE TABLE vehicles(

id INTEGER PRIMARY KEY,

name TEXT,

quantity INTEGER);

INSERT QUERIES:

INSERT INTO groceries

VALUES

(1, "yamaha", 4)

(2, "suzuki", 1)

(3, "access", 2)

(4, "splender", 1)

(5, "aaaa", 4)

(6, "bbbb", 1)

(7, "mahendra", 2)

(8, "cccc", 1)

(9, "dddd", 3)

(10, "eeee", 1)

(11 "tvs", 1)

10.CREATE TABLE sweets (

 recipe_id INT NOT NULL,

 recipe_name VARCHAR(30) NOT NULL,

 PRIMARY KEY (recipe_id),

 UNIQUE (recipe_name)

);

INSERT QUERIES:

INSERT INTO recipes

   (recipe_id, recipe_name)

VALUES

   (1,"jamun"),

   (2,"faludha"),

   (3,"custud")

   (4,"paal kova")

   (5,"mysoor pakh")

   (6,"cream bun")

   (7,"sweet pufs")

   (8,"badusha")

   (9,"laddoo")

2.PERFORM UPDATE DELETE SELECT QUERIES IN 10 TABLES:

==

1.professional.employee

 UPDATE professional.employee

 SET name='pooja'

 WHERE id=102';

 select * from professional.employee

 delete * from table where name="karthi"

2.recipies

 UPDATE recipies

 SET recipiename='vangibaath'

 WHERE id=1';

 select * from recipies;

 delete * from recipies where name="soup"

3.ingredients

 UPDATE ingredients

 SET ingredient_name="chicken"

 WHERE id=1';

 select * from ingrediens;

```
delete * from  ingredients where name="BBQ";
```

4.recipe_ingredients

```
UPDATE recipe_ingredients

SET recipe_id=2;

WHERE amount='2';

select * from  recipe_ingredients;

delete * from  recipe_ingredients where  ingredient_id='6';
```

5.groceries

```
UPDATE groceries

SET name=sapota

WHERE id='2';

select * from  groceries;

delete * from  groceries where  name=pumkin;
```

6. professional

```
UPDATE professional

SET name=manmadan;

WHERE id='2';

select * from  professional;

delete * from professional where  name=karankumar;
```

7.fooditems

```
UPDATE fooditems
```

SET recipe_name=gravy chicken;

WHERE amount='2';

select * from fooditems ;

delete * from fooditems where name='masala magi';

8.items

 UPDATE items

SET ingredient_name="soya saas"

WHERE id=10';

select * from items;

delete * from items where name="sugar";

9. vehicles

 UPDATE vehicles

 SET name='ffff'

 WHERE id='5';

 select * from vehicles;

 delete * from vehicles where name='bbbb';

10.sweets

 UPDATE sweets

 SET recipiename='boondi'

 WHERE id='3';

 select * from sweets;

 delete * from sweets where name="sweet pufs";

3.LOAD EXCEL COMMA SEPARATED FILE TO IBMDB2

1.create ten tables in IBM2 db2 and insert data by using insert query:

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2.CREATE TABLE recipes (

  recipe_id INT NOT NULL,

  recipe_name VARCHAR(30) NOT NULL,

  PRIMARY KEY (recipe_id),

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);

INSERT QUERIES:

INSERT INTO recipes

   (recipe_id, recipe_name)

VALUES

   (1,"Tacos"),

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INSERT INTO ingredients

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VALUES

    (1, "Beef", 5),

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INSERT QUERIES:

```sql
INSERT INTO recipe_ingredients

   (recipe_id, ingredient_id, amount)

VALUES

   (1,1,1),

   (1,2,2),

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   (2,3,2),

   (2,6,1),

   (3,5,1),
```

(3,7,2),

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SET recipe_name=gravy chicken;

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8.items

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SET  ingredient_name="soya saas"

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delete * from vehicles where  name='bbbb';
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10.sweets

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UPDATE sweets

SET recipiename='boondi'

WHERE id='3';

select * from sweets;

delete * from sweets where name="sweet pufs";
```

3.LOAD EXCEL COMMA SEPARATED FILE TO IBMDB2

	E	F	G	H
1	**Lifecycle**	**Title**	**Author**	**Company**
2	No	Bulk Load tst1.dwg	Dias	IBM
3	No	Bulk Load tst2.dwg	'Dias,Patrick','Hughes,Nicole'	IBM
4	No	Bulk Load tst3.dwg	Yukihiro, Della	IBM
5				
6				
7				
8				
9				
10				

withCommaQuoted

Ready

IBM DB2 Document Manager Item Loader

Library   Configure   Items   Properties

	Submit Rendition	Author	Company	Complete Query String	Descrip
		Dias	IBM		
		'Dias,Patrick','Hughes,Nicole'	IBM		
		Yukihiro, Della	IBM		

499×397 omplete...

Create new connection

Select new connection type

Create new connection. If you don't see your database in the list then you can create new database driver in the driver manager.

Name	#
▲ 🛢 DB2	7
🛢 DB2 iSeries/AS 400	7
DB2 DB2 LUW	
🛢 DB2 LUW 8.x	
🛢 DB2 z/OS	
▲ 🏴 MS SQL Server	1
🏴 jTDS driver	
🏴 Microsoft Driver	1
▷ 🛢 AWS	
🛢 Cache	
⫼ ClickHouse	
🛢 CUBRID	
▷ 🪶 Derby	
🌸 Elastic Search	
✕ Exasol	
🔥 Firebird	
▷ 🛢 Flat files (CSV)	
◎ Greenplum	

Project

General

(?)   < Back   Next >   Finish   Cancel   Test Connection ...

Text Import Wizard - Step 1 of 3   ? ⊙ ✕ ⋮

The Text Wizard has determined that your data is Fixed Width.

If this is correct, choose Next, or choose the data type that best describes your data.

Original data type

Choose the file type that best describes your data:
◉ Delimited   - Characters such as commas or tabs separate each field.
○ Fixed width   - Fields are aligned in columns with spaces between each field.

Start import at row: [1] [⇕]   File origin: [65001 : Unicode (UTF-8)   ▾]

☐ My data has headers.

Preview of file C:\Users\tolmi\Downloads\ivt_report_2015-08-12.csv.

```
1 "title","type","target","rpinId","rsid","viewType","startedAt","startedAt ^
2 ".                        ","recorded","            ","318","a782ewbr:v1ju56bw","
3 ".                        ","recorded","            ","318","a782ewbr:v1ju56bw","
4 ".                        ","recorded","            ","318","a782ewbr:v1ju56bw","
5 ".                        ","recorded","            ","3411","h7od720j:g5d7lsqc", ∨
<                                                                              >
```

[Cancel]   [< Back]   [Next >]   [Finish]

591 × 458

4.CONNECT PYTHON TO DB2

Create new connection

Select new connection type

Create new connection. If you don't see your database in the list
then you can create new database driver in the driver manager.

Name	#
⊿ 🛢 DB2	7
🛢 DB2 iSeries/AS 400	7
DB2 DB2 LUW	
🛢 DB2 LUW 8.x	
🛢 DB2 z/OS	
⊿ 🗲 MS SQL Server	1
🗲 jTDS driver	
🗲 Microsoft Driver	1
▷ 🛢 AWS	
🔋 Cache	
▌▌▌· ClickHouse	
🛢 CUBRID	
▷ 🖋 Derby	
🌸 Elastic Search	
✖ Exasol	
🜚 Firebird	
▷ 🛢 Flat files (CSV)	
◎ Greenplum	

Project

General

(?)   < Back   Next >   Finish   Cancel   Test Connection ...

Text Import Wizard - Step 2 of 3

This screen lets you set the delimiters your data contains. You can see how your text is affected in the preview below.

Delimiters
- ☐ Tab
- ☐ Semicolon
- ☑ Comma
- ☐ Space
- ☐ Other:

☐ Treat consecutive delimiters as one

Text qualifier:

Data preview

title	type	target	rpinId	rsid	viewType	s
	recorded		318	a782ewbr:v1ju56bw	onsite	2
	recorded		318	a782ewbr:v1ju56bw	onsite	2
	recorded		318	a782ewbr:v1ju56bw	onsite	2
	recorded		3411	h7od720j:g5d7lsqc	onsite	2

Cancel   < Back   Next >   Finish

593 × 453

Text Import Wizard - Step 1 of 3   ? ⊙ ✕ ⋮

The Text Wizard has determined that your data is Fixed Width.

If this is correct, choose Next, or choose the data type that best describes your data.

Original data type
  Choose the file type that best describes your data:
  ● Delimited   - Characters such as commas or tabs separate each field.
  ○ Fixed width   - Fields are aligned in columns with spaces between each field.

Start import at row: [1   ] ⬍   File origin: [65001 : Unicode (UTF-8)   ⌄]

☐ My data has headers.

Preview of file C:\Users\tolmi\Downloads\ivt_report_2015-08-12.csv.

```
1 "title","type","target","rpinId","rsid","viewType","startedAt","startedAt ⌃
2 "                              ","recorded","          ","318","a782ewbr:v1ju56bw","
3 "                              ","recorded","          ","318","a782ewbr:v1ju56bw","
4 "                              ","recorded","          ","318","a782ewbr:v1ju56bw","
5 "                              ","recorded","          ","3411","h7od720j:g5d7lsqc", ⌄
<                                                                              >
```

                          Cancel   < Back   Next >   Finish

591 × 458