

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

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```
1.db2 create table professional.employee(id int, name
varchar(50),jobrole varchar(30),joindate date,
salary double) in ts1
```

Insert 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:

```
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);
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:
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)

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(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),

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(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")

```