

SCHOOL OF ELECTRICAL ENGINEERING

SMARTBRIDGE EXTERNSHIP

Modern Application Development(Java Spring Boot)

ASSIGNMENT - 2

Reg No : 20BEE0344

Name : Anusha Y

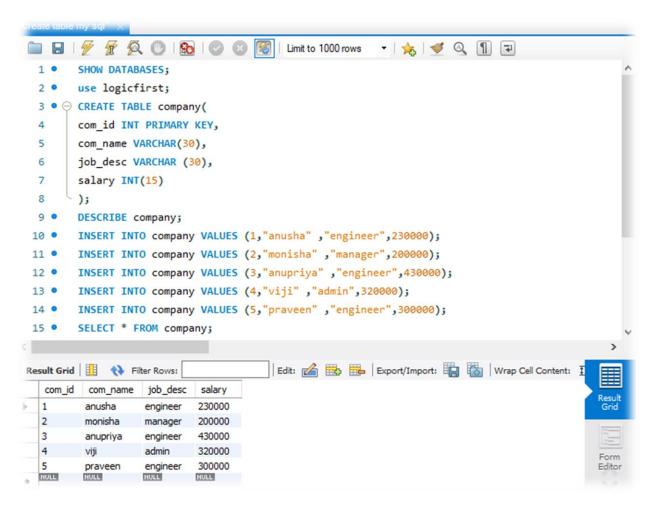
Programme: Btech.EEE

Create, Update, Delete commands in mysql:

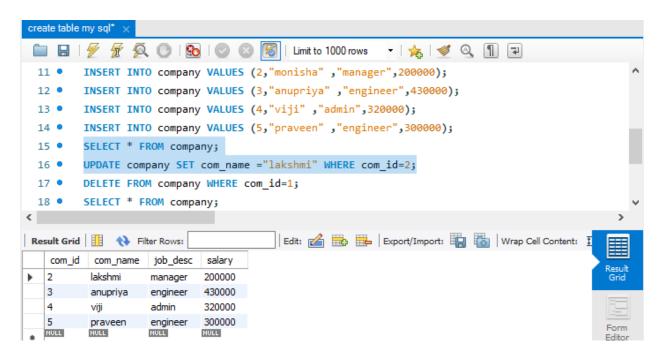
```
SHOW DATABASES;
use logicfirst;
CREATE TABLE company(
com_id INT PRIMARY KEY,
com_name VARCHAR(30),
job_desc VARCHAR (30),
salary INT(15)
);
DESCRIBE company;
INSERT INTO company VALUES (1,"anusha", "engineer", 230000);
INSERT INTO company VALUES (2,"monisha","manager",200000);
INSERT INTO company VALUES (3,"anupriya", "engineer", 430000);
INSERT INTO company VALUES (4,"viji", "admin", 320000);
INSERT INTO company VALUES (5,"praveen","engineer",300000);
SELECT * FROM company;
UPDATE company SET em_name ="anusha" WHERE em_id=1;
DELETE FROM company WHERE em_id=1;
SELECT * FROM company;
```

Output:

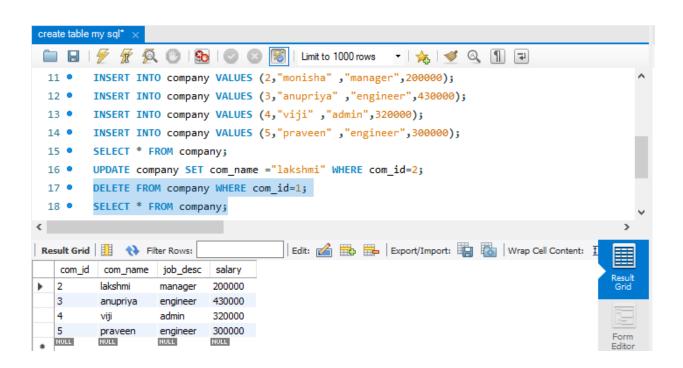
Create Table:



Update:



Delete:



Joins in Mysql:

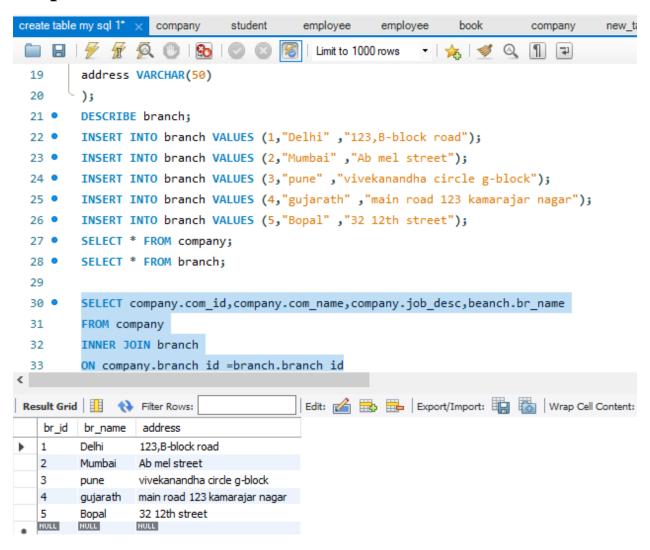
- o Inner Join
- o Left Join
- o Right Join
- o Cross Join

Inner Join:

```
SHOW DATABASES;
use logicfirst;
CREATE TABLE company(
com_id INT PRIMARY KEY,
com_name VARCHAR(30),
job_desc VARCHAR (30),
salary INT(15)
);
DESCRIBE company;
INSERT INTO company VALUES (1,"anusha","engineer",230000);
INSERT INTO company VALUES (2,"monisha","manager",200000);
INSERT INTO company VALUES (3,"anupriya","engineer",430000);
INSERT INTO company VALUES (4,"viji","admin",320000);
INSERT INTO company VALUES (5,"praveen","engineer",300000);
```

```
CREATE TABLE branch(
br_id INT PRIMARY KEY,
br_name VARCHAR(30),
address VARCHAR(50)
);
DESCRIBE branch;
INSERT INTO branch VALUES (1,"Delhi","123,B-block road");
INSERT INTO branch VALUES (2,"Mumbai","Ab mel street");
INSERT INTO branch VALUES (3,"pune", "vivekanandha circle g-block");
INSERT INTO branch VALUES (4, "gujarath", "main road 123 kamarajar nagar");
INSERT INTO branch VALUES (5,"Bopal","32 12th street");
SELECT * FROM company;
SELECT * FROM branch;
SELECT company.com_id,company.com_name,company.job_desc,beanch.br_name
FROM company
INNER JOIN branch
ON company.branch_id =branch.branch_id
```

Output:



Left Join:

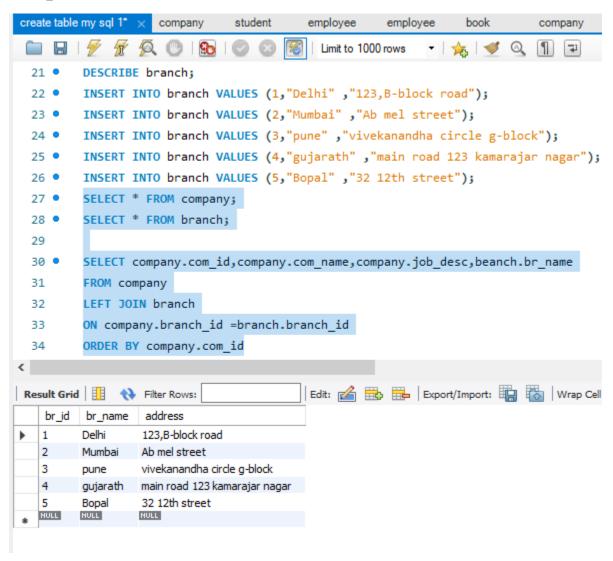
```
SHOW DATABASES;
use logicfirst;
CREATE TABLE company(
com_id INT PRIMARY KEY,
com_name VARCHAR(30),
```

job_desc VARCHAR (30),

```
salary INT(15)
);
DESCRIBE company;
INSERT INTO company VALUES (1,"anusha","engineer",230000);
INSERT INTO company VALUES (2,"monisha","manager",200000);
INSERT INTO company VALUES (3,"anupriya", "engineer", 430000);
INSERT INTO company VALUES (4,"viji", "admin", 320000);
INSERT INTO company VALUES (5,"praveen","engineer",300000);
CREATE TABLE branch(
br_id INT PRIMARY KEY,
br_name VARCHAR(30),
address VARCHAR(50)
);
DESCRIBE branch;
INSERT INTO branch VALUES (1,"Delhi","123,B-block road");
INSERT INTO branch VALUES (2,"Mumbai","Ab mel street");
INSERT INTO branch VALUES (3,"pune", "vivekanandha circle g-block");
INSERT INTO branch VALUES (4, "gujarath", "main road 123 kamarajar nagar");
INSERT INTO branch VALUES (5,"Bopal","32 12th street");
SELECT * FROM company;
SELECT * FROM branch;
SELECT company.com_id,company.com_name,company.job_desc,beanch.br_name
FROM company
LEFT JOIN branch
```

ON company.branch_id =branch.branch_id

Output:



Right Join:

SHOW DATABASES;

use logicfirst;

CREATE TABLE company(

com_id INT PRIMARY KEY,

```
com_name VARCHAR(30),
job_desc VARCHAR (30),
salary INT(15)
);
DESCRIBE company;
INSERT INTO company VALUES (1,"anusha", "engineer", 230000);
INSERT INTO company VALUES (2,"monisha","manager",200000);
INSERT INTO company VALUES (3, "anupriva", "engineer", 430000);
INSERT INTO company VALUES (4,"viji", "admin", 320000);
INSERT INTO company VALUES (5,"praveen","engineer",300000);
CREATE TABLE branch(
br_id INT PRIMARY KEY,
br_name VARCHAR(30),
address VARCHAR(50)
);
DESCRIBE branch;
INSERT INTO branch VALUES (1,"Delhi","123,B-block road");
INSERT INTO branch VALUES (2,"Mumbai","Ab mel street");
INSERT INTO branch VALUES (3,"pune","vivekanandha circle g-block");
INSERT INTO branch VALUES (4, "gujarath", "main road 123 kamarajar nagar");
INSERT INTO branch VALUES (5,"Bopal","32 12th street");
SELECT * FROM company;
SELECT * FROM branch;
```

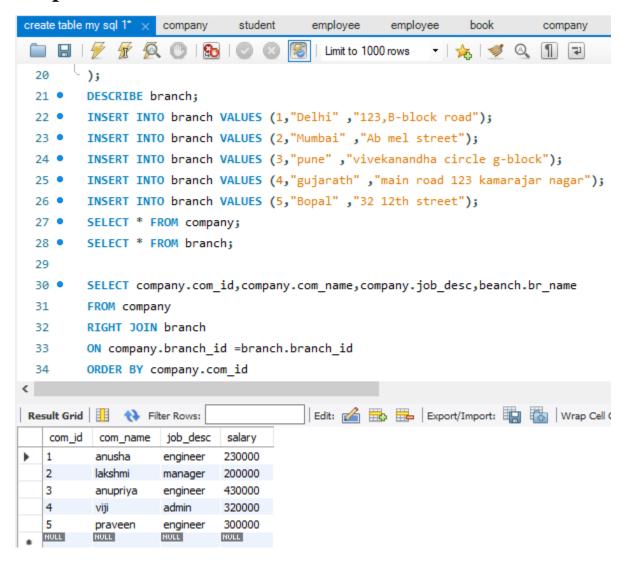
SELECT company.com_id,company.com_name,company.job_desc,beanch.br_name FROM company

RIGHT JOIN branch

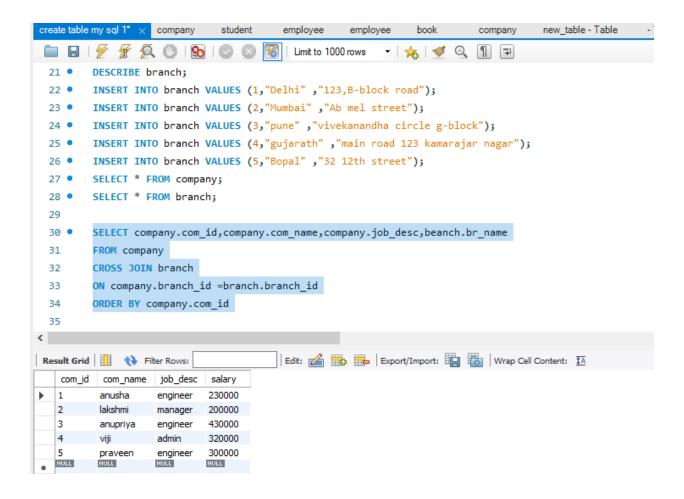
ON company.branch_id =branch.branch_id

ORDER BY company.com_id

Output:

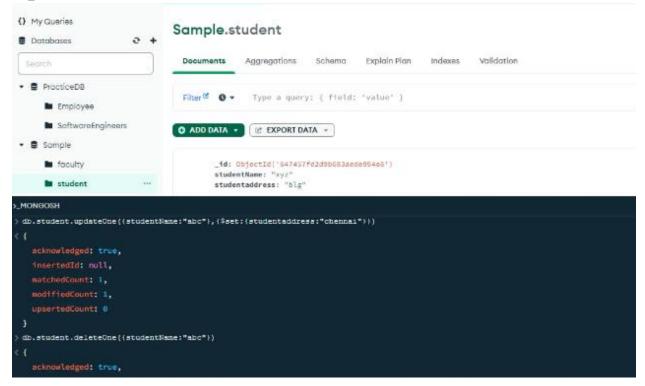


Cross Join:

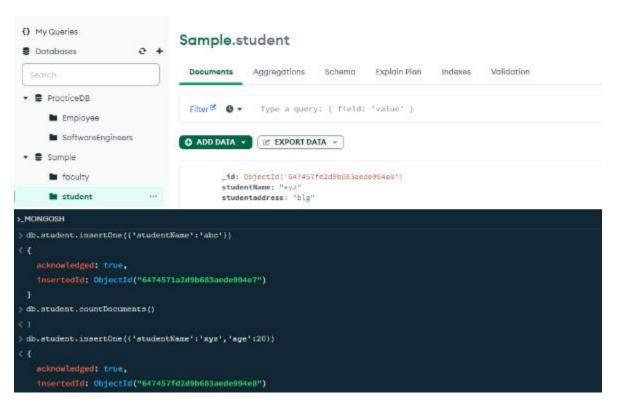


Create, update, delete commands in mongodb:

Update:



Create:



Delete:

