MODERN APPLICATION DEVELOPMENT JAVA SPRING BOOT WEEK-2 ASSIGNMENT

Reg.No: 20MIS0301

Name: G.Pranay kumar

1.Create, Update, Delete commands in MySQL Create table :

Code:-

```
CREATE TABLE employee (

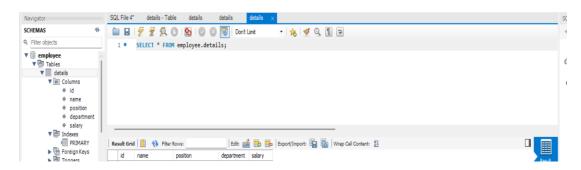
id INT PRIMARY KEY AUTO_INCREMENT,

name VARCHAR(50) NOT NULL,

position VARCHAR(50) NOT NULL,

department VARCHAR(50) NOT NULL,

salary DECIMAL(10, 2) NOT NULL
);
```



Insert:-

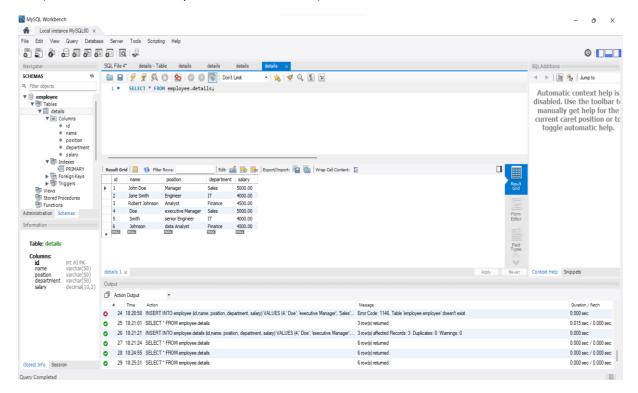
SELECT * FROM employee.details;

INSERT INTO employee.details (id,name, position, department, salary)

VALUES (1,'John Doe', 'Manager', 'Sales', 5000.00),

- (2, 'Jane Smith', 'Engineer', 'IT', 4000.00),
- (3,'Robert Johnson', 'Analyst', 'Finance', 4500.00);

- (4,' Doe', 'executive Manager', 'Sales', 5000.00),
- (5,' Smith', 'senior Engineer', 'IT', 4000.00),
- (6,' Johnson', 'data Analyst', 'Finance', 4500.00);



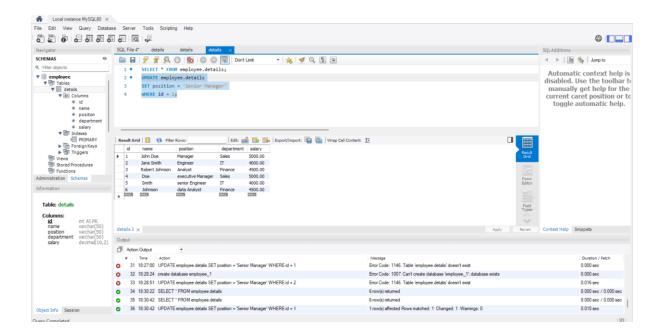
Update:

Code:

UPDATE employee.details

SET position = 'Senior Manager'

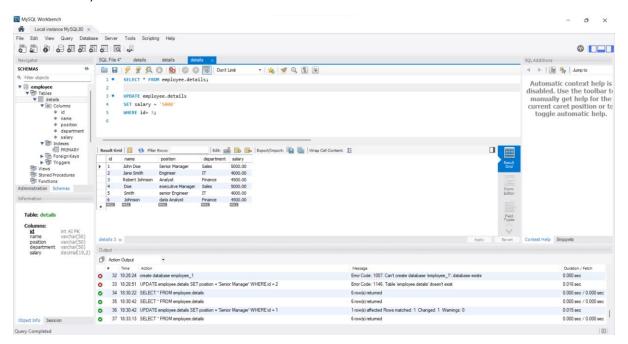
WHERE id= 1;



UPDATE employee.details

SET salary = '5000'

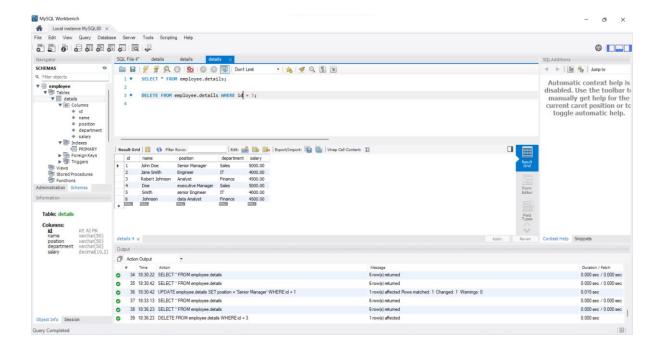
WHERE id= 3;



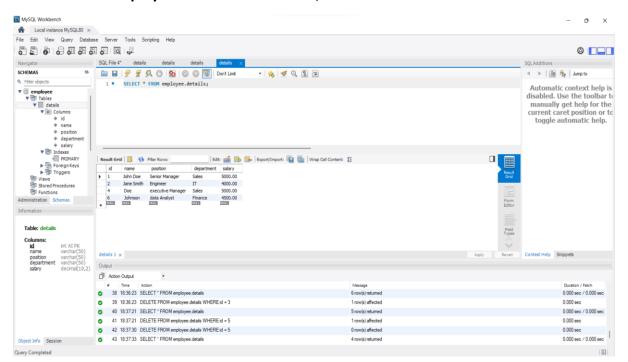
Delete:

CODE:-

DELETE FROM employee.details WHERE id = 3;



DELETE FROM employee.details WHERE id = 5;

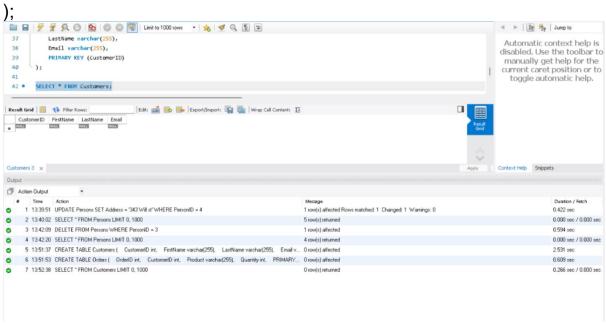


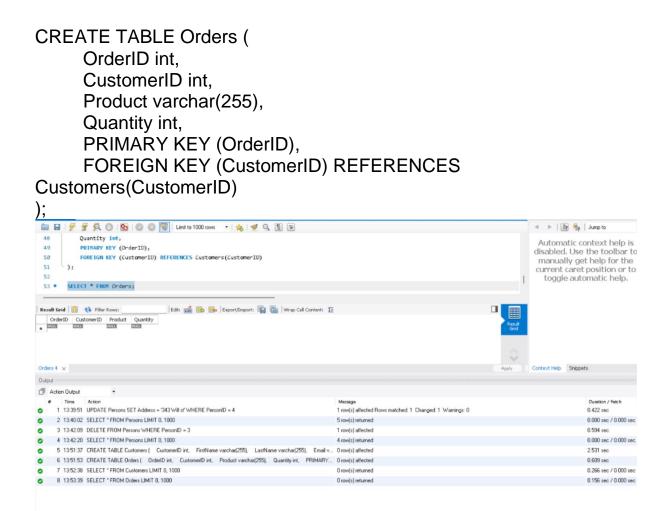
2. Create table and joins in MySQL

Code:

Create table:

```
CREATE TABLE Customers (
CustomerID int,
FirstName varchar(255),
LastName varchar(255),
Email varchar(255),
PRIMARY KEY (CustomerID)
```

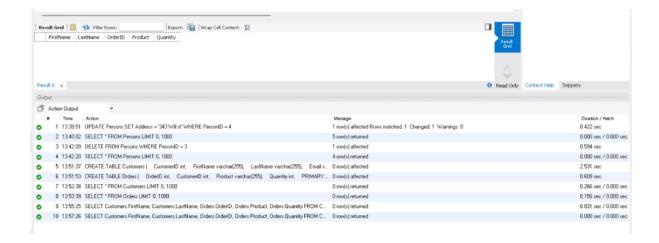




JOIN FUCTION:-

SELECT Orders.OrderID, Customers.CustomerName, Orders.Product, Orders.Quantity FROM Orders

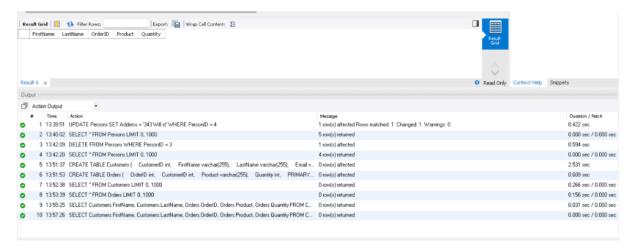
JOIN Customers ON Orders.CustomerID = Customers.CustomerID;



Inner join:

SELECT Orders.OrderID, Customers.CustomerName, Orders.Product, Orders.Quantity FROM Orders

INNER JOIN Customers ON Orders.CustomerID = Customers.CustomerID;

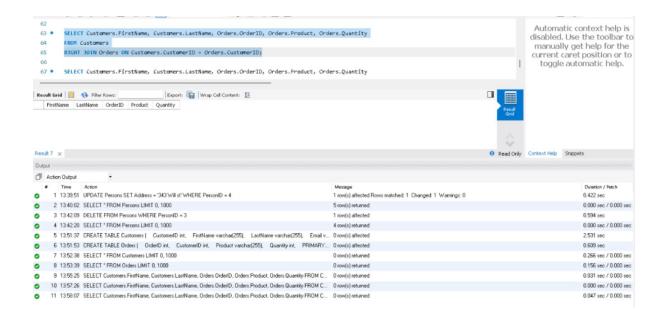


Right Join:-

SELECT Orders.OrderID, Customers.CustomerName, Orders.Product, Orders.Quantity

FROM Customers

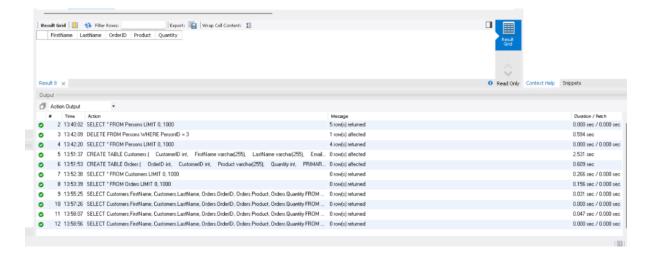
RIGHT JOIN Orders ON Customers.CustomerID = Orders.CustomerID;

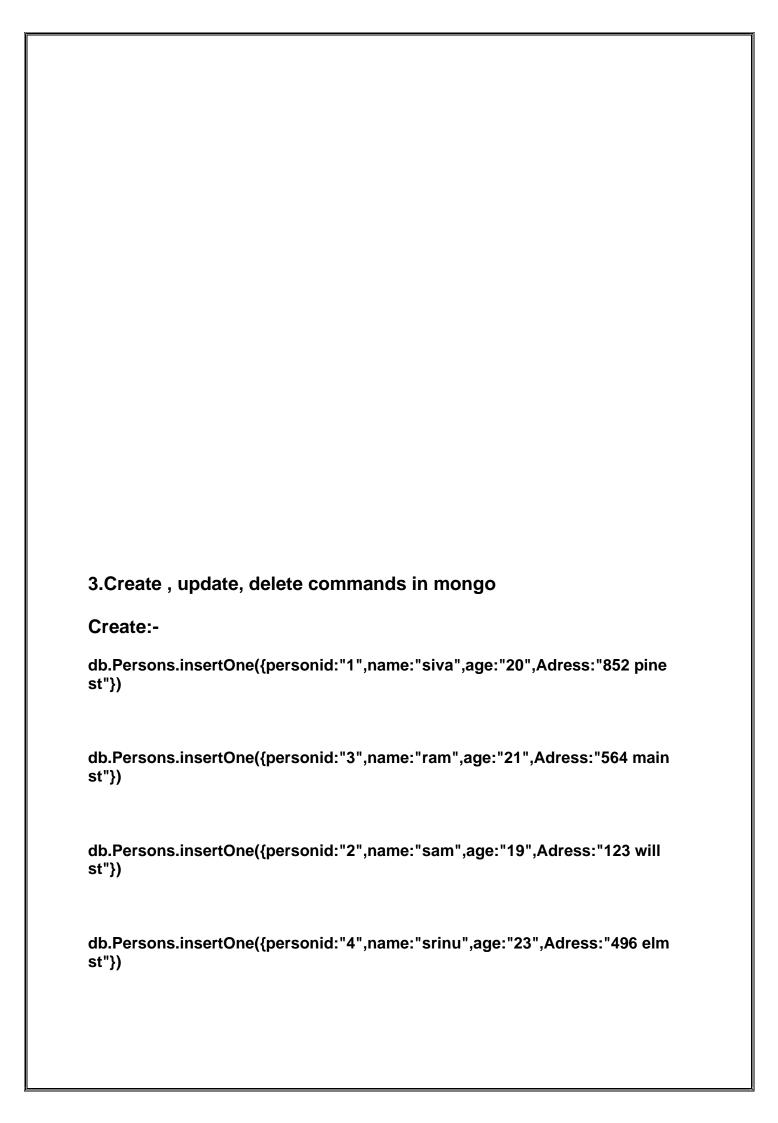


Left join:

SELECT Orders.OrderID, Customers.CustomerName, Orders.Product, Orders.Quantity FROM Customers

LEFT JOIN Orders ON Customers.CustomerID = Orders.CustomerID;





db.Persons.insertOne({personid:"5",name:"krishna",age:"22",Adress:"480 main st"})

```
A the country

| A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country | A the country
```

Update:-

db.Persons.updateOne({_id:ObjectId('64732a2f1ad1dfd43f46f571')}, {\$set:{age:"24"}})

db.Persons.findOne({age:"24"})

Delete:

db.Persons.deleteOne({name:"smith"})

db.Persons.find()