**Assignment-2**

**Q 1. Create command**

CREATE TABLE customers (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(50),

email VARCHAR(50),

age INT

);

**Q 1 update command**

UPDATE customers

SET email = 'newemail@example.com', age = 30

WHERE id = 1;

**Q1 delete command**

DELETE FROM customers

WHERE age > 50;

**Q2 create tables**

CREATE TABLE customers (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(50),

email VARCHAR(50),

age INT

);

CREATE TABLE orders (

id INT PRIMARY KEY AUTO\_INCREMENT,

customer\_id INT,

product VARCHAR(50),

quantity INT,

FOREIGN KEY (customer\_id) REFERENCES customers(id)

);

**Q2 perform joins**

SELECT customers.name, orders.product, orders.quantity

FROM customers

JOIN orders ON customers.id = orders.customer\_id;

SELECT customers.name, orders.product, orders.quantity

FROM customers

INNER JOIN orders ON customers.id = orders.customer\_id;

**Q3 create command in mongo**

db.customers.insertOne({

name: "John Doe",

email: "johndoe@example.com",

age: 30

});

db.customers.insertMany([

{

name: "Jane Smith",

email: "janesmith@example.com",

age: 35

},

{

name: "Mike Johnson",

email: "mikejohnson@example.com",

age: 28

}

]);

**Q3 create command in mongo**

db.customers.insertOne({

name: "John Doe",

email: "johndoe@example.com",

age: 30

});

db.customers.insertMany([

{

name: "Adarsh Jha",

email: "janesmith@example.com",

age: 35

},

{

name: "Adarsh Jha",

email: "adarshjha@example.com",

age: 28

}

]);

**Q3 update command in mongo**

db.customers.updateOne(

{ name: "Adarsh Jha" },

{ $set: { age: 35 } }

);

db.customers.updateMany(

{ age: { $lt: 30 } },

{ $inc: { age: 1 } }

);

**Q3 delete command in mongo**

db.customers.deleteOne({ name: "Adarsh Jha" });

db.customers.deleteMany({ age: { $gt: 40 } });