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

Q3 create command in mongo

// Insert a single document

db.customers.insertOne({

name: "John Doe",

email: "johndoe@example.com",

age: 30

});

// Insert multiple documents

db.customers.insertMany([

{

name: "Jane Smith",

email: "janesmith@example.com",

age: 35

},

{

name: "Mike Johnson",

email: "mikejohnson@example.com",

age: 28

}

]);

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 age: 28

  }

]);

Q3 update command in mongo

// Update a single document

db.customers.updateOne(

{ name: "John Doe" },

{ $set: { age: 35 } }

);

// Update multiple documents

db.customers.updateMany(

{ age: { $lt: 30 } },

{ $inc: { age: 1 } }

);

Q3 delete command in mongo

// Delete a single document

db.customers.deleteOne({ name: "John Doe" });

// Delete multiple documents

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