MERN STACK -ASSIGNMENT

MangoDB:

QUERIES:

1. How do you insert a single document into a MongoDB collection?

Command:

db.collectionName.insertOne();

Example:

db.students.insertOne({ name: "Bhavya", age: 20, city: "Vijayawada" });

db.students.insertOne({ name: "Aarav", age: 22, course: "CSE" });

1. How do you insert multiple documents at once?

Command:

db.collectionName.insertMany();

Example:

db.collectionName.insertMany([

{ name: "Riya", age: 21 },

{ name: "Karan", age: 23 },

{ name: "Simran", age: 20 }

]);

db.students.insertMany([

{ name: "Kriti", age: 19 },

{ name: "Varun", age: 22 }

]);

1. How do you find all documents in a collection?

Command:

db.collectionName.find();

Example:

db.students.find();

1. How do you find documents where a field equals a specific value?

Command:

db.collectionName.find({ fieldName: value });

Example:

db.students.find({ age: 22 });

1. How do you find documents where a numeric field is greater than a value?

Command:

db.collectionName.find({ fieldName: { $gt: value } });

Example:

db.students.find({ age: { $gt: 20 } });

1. How do you find documents where a numeric field is less than a value?

Command:

db.collectionName.find({ fieldName: { $lt: value } });

Example:

db.students.find({ age: { $lt: 21 } });

1. How do you find documents with multiple conditions (AND)?

Example:

db.students.find({

$and: [

{ age: { $gte: 20 } },

{ course: "CSE" }

]

});