**MONGODB ASSIGNMENT**

**Use companyDB;**

db.products.insertMany([{product\_id: 101, name: "Laptop", category: "Electronics", price: 55000, stock: 10 },

{product\_id: 102, name: "Mouse", category: "Electronics", price: 700, stock: 50 },

{product\_id: 103, name: "Office Chair", category: "Furniture", price: 4500, stock: 5 },

{product\_id: 104, name: "Notebook", category: "Stationery", price: 50, stock: 300 },

{product\_id: 105, name: "Water Bottle", category: "Kitchen", price: 250, stock: 100 }

]);

1️⃣ Find all products that are not in the 'Electronics' category.

db.products.find({ category: { $ne: "Electronics"}});

2️⃣ Get all products where price > 1000.

db.products.find({ price: { $gt: 1000}});

3️⃣ Find products that have stock < 50.

db.products.find({ stock: { $lt: 50}});

4️⃣ List products whose category is either 'Furniture' or 'Kitchen'.

db.products.find({ category: { $in :["Furniture","Kitchen"]}});

5️⃣ Get products with stock between 10 and 100.

db.products.find({ stock: { $gte: 10, $lte: 100}});

6️⃣ Find all products where price is not 700.

db.products.find({ price: { $ne: 700}});

7️⃣ Display all products whose name starts with 'N'.

db.products.find({ name: {$regex: "^N"}});

8️⃣ Find all products whose stock is not more than 5.

db.products.find({ stock: { $lte:5}});