

Question 2: Create Database in MongoDB For Medical Store

// 1. CREATE / USE DATABASE

```
use MedicalStoreDB
```

// CREATE COLLECTION & INSERT DOCUMENTS

```
// Create Medicine collection and insert documents
```

```
db.Medicine.insertMany([
  {
    med_id: 1,
    name: "Paracetamol",
    price: 25,
    category: "Pain Relief",
    stock: 100
  },
  {
    med_id: 2,
    name: "Brufen",
    price: 220,
    category: "Pain Relief",
    stock: 50
  },
  {
    med_id: 3,
    name: "Cough Syrup",
    price: 180,
    category: "Cold",
    stock: 30
  }
])
```

// 2. LIST ALL DOCUMENTS FROM COLLECTION

```
db.Medicine.find()
```

// 3. USE \$or OPERATOR

```
// (price greater than 200 OR category is Pain Relief)
```

```
db.Medicine.find({
  $or: [
    { price: { $gt: 200 } },
    { category: "Pain Relief" }
  ]
})
```

// 4. SORT RESULT IN DESCENDING ORDER

// BASED ON MEDICINE COST

```
db.Medicine.find().sort({ price: -1 })
```

// 5. CREATE INDEX ON MEDICINE NAME FIELD

```
db.Medicine.createIndex({ name: 1 })
```