

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 })
```