✅ **Step 1: Sample Document Structure**

Assume your collection employees contains documents like:

json

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```
{

  "Employee_name": "Tom",

  "salary": 40000,

  "Location": "New York",

  "Note": null

}
```

🔍 **MongoDB Queries with Conditions**

◆ **i. Find any record where name is Tom**

javascript

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```
db.employees.find({ Employee_name: "Tom" })
```

◆ **ii. Find any record where total payment amount is 40,000**

Assuming salary is the field used for payment:

javascript

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```
db.employees.find({ salary: 40000 })
```

◆ **iii. Find any record where salary is greater than 40,000**

javascript

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```
db.employees.find({ salary: { $gt: 40000 } })
```

◆ **iv. Find any record where Note is null OR key itself is missing**

javascript

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```
db.employees.find({
 $or: [
  { Note: null },
  { Note: { $exists: false } }
 ]
})
```

✅ **This matches documents where:**

- **Note: null**
- **or Note field doesn't exist at all.**

◆ **v. Find any record where Note exists and value is null**

javascript

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```
db.employees.find({
 Note: null,
 Note: { $exists: true }
})
```

✅ **This ensures:**

- **Field exists**
- **Value is explicitly null**

◆ **vi. Find any record where the Note key doesn't exist**

javascript

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```
db.employees.find({
 Note: { $exists: false }
})
```

⚙️ **MongoDB Compass Instructions**

- **Go to the employees collection.**

- **In the Filter bar, enter each query.**

- **For example:**

json

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{ "Employee_name": "Tom" }

- **Click Find.**