

Query MongoDB with Conditions: [Create appropriate collection with necessary documents to answer the

query]

- a. Find any record where Name is Somu
- b. Find any record where total payment amount (Payment.Total) is 600.
- c. Find any record where price (Transaction.price) is between 300 to 500.
- d. Calculate the total transaction amount by adding up Payment.Total in all records

- use *Database\_Name(Give your usn\_2ndprog)*
- Syntax:  
`db.createCollection("Collection_name")`

Create a collection named Customers

- `db.createCollection("customers")`

Insert 3-4 values to the collection

- `db.customers.insertMany([`  
    `{`  
        `"Name": "Somu",`  
        `"Payment": { "Total": 600 },`  
        `"Transaction": { "price": 450 }`  
    `},`  
    `{`  
        `"Name": "Ravi",`  
        `"Payment": { "Total": 300 },`  
        `"Transaction": { "price": 350 }`  
    `},`  
    `{`  
        `"Name": "John",`  
        `"Payment": { "Total": 200 },`  
        `"Transaction": { "price": 150 }`  
    `},`  
    `{`  
        `"Name": "Sara",`  
        `"Payment": { "Total": 700 },`  
        `"Transaction": { "price": 400 }`  
    `},`  
    `{`  
        `"Name": "Nina",`  
        `"Payment": { "Total": 600 },`  
        `"Transaction": { "price": 500 }`  
    `}`  
    `])`

- Find any record where Name is Somu  
`db.customers.find({ "Name": "Somu" })`
- Find any record where total payment amount (Payment.Total) is 600  
`db.customers.find({ "Payment.Total": 600 })`
- Find any record where price (Transaction.price) is between 300 to 500  
`db.customers.find({ "Transaction.price": { $gte: 300, $lte: 500 } })`
- Calculate the total transaction amount by adding up Payment.Total in all records  
`db.customers.aggregate([  
 { $group: { _id: null, totalTransactionAmount: { $sum: "$Payment.Total" } } }])`