

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" } } }])`