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4 Bsc Ds

NOSQL CLASS TEST

```
> db.customers.insertMany([
...    {
...       customername: "John Doe",
...       mobile_no: "123-456-7890",
...       pincode: 12345,
...       email: "john.doe@example.com",
...       city: "New York",
...       state: "NY",
...       country: "USA",
...       product_Id: "abc123",
...       payment_method: "Credit Card",
...       date_ordered: ISODate("2022-01-01T00:00:00.000Z"),
...       loyalty_points: 100,
...       wishlist: ["product1", "product2"]
...    },
...    {
...       customername: "Jane Smith",
...       mobile_no: "987-654-3210",
...       pincode: 67890,
...       email: "jane.smith@example.com",
...       city: "Los Angeles",
...       state: "CA",
...       country: "USA",
...       product_Id: "def456",
...       payment_method: "PayPal",
...       date_ordered: ISODate("2022-01-02T00:00:00.000Z"),
...       loyalty_points: 200,
...       wishlist: ["product3", "product4"]
...    },
...    {
...       customername: "Bob Johnson",
...       mobile_no: "456-789-0123",
...       pincode: 13579,
...       email: "bob.johnson@example.com",
...       city: "Chicago",
...       state: "IL",
...       country: "USA",
...       product_Id: "ghi789",
...       payment_method: "Debit Card"
```

```
{
  customername: "Jane Smith",
  mobile_no: "987-654-3210",
  pincode: 67890,
  email: "jane.smith@example.com",
  city: "Los Angeles",
  state: "CA",
  country: "USA",
  product_Id: "def456",
  payment_method: "PayPal",
  date_ordered: ISODate("2022-01-02T00:00:00.000Z"),
  loyalty_points: 200,
  wishlist: ["product3", "product4"]
},
{
  customername: "Bob Johnson",
  mobile_no: "456-789-0123",
  pincode: 13579,
  email: "bob.johnson@example.com",
  city: "Chicago",
  state: "IL",
  country: "USA",
  product_Id: "ghi789",
  payment_method: "Debit Card",
  date_ordered: ISODate("2022-01-03T00:00:00.000Z"),
  loyalty_points: 50,
  wishlist: ["product5", "product6"]
},
{
  customername: "Alice Williams",
  mobile_no: "789-012-3456",
  pincode: 24680,
  email: "alice.williams@example.com",
  city: "Houston",
  state: "TX",
  country: "USA",
  product_Id: "jkl012",
  payment_method: "Cash on Delivery",
  date_ordered: ISODate("2022-01-04T00:00:00.000Z"),
  loyalty_points: 150,
  wishlist: ["product7", "product8"]
},
{
```

```
{
  customername: "Charlie Brown",
  mobile_no: "012-345-6789",
  pincode: 36980,
  email: "charlie.brown@example.com",
  city: "Phoenix",
  state: "AZ",
  country: "USA",
  product_Id: "mno345",
  payment_method: "Bank
```

```
{
        "acknowledged" : true,
        "insertedIds" : [
                ObjectId("65e2fad8debd4e8294f51ed1"),
                ObjectId("65e2fad8debd4e8294f51ed2"),
                ObjectId("65e2fad8debd4e8294f51ed3"),
                ObjectId("65e2fad8debd4e8294f51ed4"),
                ObjectId("65e2fad8debd4e8294f51ed5")
        ]
}
```

```
.. db.customers.find({ state: "NY" })
2024-03-02T14:42:04.462+0430 E QUERY    [thread1] SyntaxError: expected expression, got '<' @(shell):1:0
 db.customers.aggregate([
..   { $group: { _id: null, avgLoyaltyPoints: { $avg: "$loyalty_points" } } }
.. ])
 "_id" : null, "avgLoyaltyPoints" : 125 }
 db.customers.find({ customername: { $regex: '^B' } }, { customername: 1, _id: 0 })
 "customername" : "Bob Johnson" }
```