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Activities Terminal
Dec 24 15:57
niranjanvs@ubuntu: ~

> use product
switched to db product

> db.createCollection("product");
{ "ok" : 1 }

> db.product.insert([{"_id":1,"product_id":"PD01","product_name":"LG TV","manufacturing_date":"24/12/2020","price":55000,"quantity":5,"expiry_date":"29/10/2030"},{"_id":2,"product_id":"PD02","product_name":"Dell Laptop","manufacturing_date":"22/12/2020","price":45000,"quantity":10,"expiry_date":"20/11/2030"},{"_id":3,"product_id":"PD03","product_name":"Refrigerator","manufacturing_date":"15/11/2020","price":195000,"quantity":25,"expiry_date":"12/10/2025"},{"_id":4,"product_id":"PD04","product_name":"Blender","manufacturing_date":"24/10/2020","price":2000,"quantity":50,"expiry_date":"19/10/2030"},{"_id":5,"product_id":"PD05","product_name":"Mixer Grinder","manufacturing_date":"22/09/2020","price":3000,"quantity":75,"expiry_date":"09/05/2027"},{"_id":6,"product_id":"PD06","product_name":"LEDTV","manufacturing_date":"29/11/2020","price":45000,"quantity":30,"expiry_date":"20/12/2025"}])

BulkWriteResult({
  "writeErrors" : [ ],
  "writeConcernErrors" : [ ],
  "nInserted" : 6,
  "nUpserted" : 0,
  "nMatched" : 0,
  "nModified" : 0,
  "nRemoved" : 0,
  "nUpserted" : [ ]
})

> db.product.find()
{ "_id" : 1, "product_id" : "PD01", "product_name" : "LG TV", "manufacturing_date" : "24/12/2020", "price" : 55000, "quantity" : 5, "expiry_date" : "29/10/2030" }
{ "_id" : 2, "product_id" : "PD02", "product_name" : "Dell Laptop", "manufacturing_date" : "22/12/2020", "price" : 45000, "quantity" : 10, "expiry_date" : "20/11/2030" }
{ "_id" : 3, "product_id" : "PD03", "product_name" : "Refrigerator", "manufacturing_date" : "15/11/2020", "price" : 195000, "quantity" : 25, "expiry_date" : "12/10/2025" }
{ "_id" : 4, "product_id" : "PD04", "product_name" : "Blender", "manufacturing_date" : "24/10/2020", "price" : 2000, "quantity" : 50, "expiry_date" : "19/10/2030" }
{ "_id" : 5, "product_id" : "PD05", "product_name" : "Mixer Grinder", "manufacturing_date" : "22/09/2020", "price" : 3000, "quantity" : 75, "expiry_date" : "09/05/2027" }
{ "_id" : 6, "product_id" : "PD06", "product_name" : "LEDTV", "manufacturing_date" : "29/11/2020", "price" : 45000, "quantity" : 30, "expiry_date" : "20/12/2025" }

> db.product.find({},{"_id":0,"product_name":1})
{ "product_name" : "LG TV" }
{ "product_name" : "Dell Laptop" }
{ "product_name" : "Refrigerator" }
{ "product_name" : "Blender" }
{ "product_name" : "Mixer Grinder" }
{ "product_name" : "LEDTV" }

> db.product.find({"_id":1},{_id:0,"product_id":1,"expiry_date":1,"quantity":1})
{ "product_id" : "PD01", "quantity" : 5, "expiry_date" : "29/10/2030" }

> db.product.find({"price":{"$ne":45000}})
{ "_id" : 1, "product_id" : "PD01", "product_name" : "LG TV", "manufacturing_date" : "24/12/2020", "price" : 55000, "quantity" : 5, "expiry_date" : "29/10/2030" }
{ "_id" : 3, "product_id" : "PD03", "product_name" : "Refrigerator", "manufacturing_date" : "15/11/2020", "price" : 195000, "quantity" : 25, "expiry_date" : "12/10/2025" }
{ "_id" : 4, "product_id" : "PD04", "product_name" : "Blender", "manufacturing_date" : "24/10/2020", "price" : 2000, "quantity" : 50, "expiry_date" : "19/10/2030" }
{ "_id" : 5, "product_id" : "PD05", "product_name" : "Mixer Grinder", "manufacturing_date" : "22/09/2020", "price" : 3000, "quantity" : 75, "expiry_date" : "09/05/2027" }

> db.product.find({"quantity":30,"product_name":"LEDTV"})
{ "_id" : 6, "product_id" : "PD06", "product_name" : "LEDTV", "manufacturing_date" : "29/11/2020", "price" : 45000, "quantity" : 30, "expiry_date" : "20/12/2025" }

> db.product.find({"product_name":{"regex":"r$"}})
{ "_id" : 3, "product_id" : "PD03", "product_name" : "Refrigerator", "manufacturing_date" : "15/11/2020", "price" : 195000, "quantity" : 25, "expiry_date" : "12/10/2025" }
{ "_id" : 4, "product_id" : "PD04", "product_name" : "Blender", "manufacturing_date" : "24/10/2020", "price" : 2000, "quantity" : 50, "expiry_date" : "19/10/2030" }
{ "_id" : 5, "product_id" : "PD05", "product_name" : "Mixer Grinder", "manufacturing_date" : "22/09/2020", "price" : 3000, "quantity" : 75, "expiry_date" : "09/05/2027" }
```