**CUSTOMER TABLE**

db.customers.insertMany([

{"\_id":1001,"

Name":"Ramesh B",

"Gender":"Male",

"Age":23,

"order\_amt":300,

"customer\_type":"premium",

"DOB":new ISODate("2021-03-20T11:30:05Z")

,"add":"yjgfhhfg","City":"Nagpur","state":"Maharashtra",

"country":"India"},

{"\_id":1002,"Name":"Shivani VN","Gender":"Female","Age":22,

"order\_amt":300,

"customer\_type":"normal",

"DOB":new ISODate("2021-03-20T11:30:05Z")

,"add":"nhgfxfdfd","City":"Mumbai","state":"Maharashtra",

"country":"India"},

{"\_id":1003,"Name":"Ritika H","Gender":"Female","Age":20,"order\_amt":300,

"customer\_type":"premium","DOB":new ISODate("2021-03-20T11:30:05Z")

,"add":"tteersxhi","City":"Dwarka","state":"Delhi",

"country":"India"},

{"\_id":1004,"Name":"Shravan KM","Gender":"Male","Age":24,"order\_amt":300,

"customer\_type":"normal",

"DOB":new ISODate("2021-03-20T11:30:05Z")

,"add":"dttssdsrfrf","City":"Nagpur","state":"Maharashtra",

"country":"India"}

])

**PRODUCT TABLE**

db.product.insertMany([

{

"prod\_id":1,

"prod\_price":500,

"prod\_description":"white shirt",

"prod\_status":"in stock",

"brand":"nike",

cat\_id:1,

"tags":["a","b","c"]

},

{

"prod\_id":2,

"prod\_price":700,

"prod\_description":"jeans",

"prod\_status":"in stock",

"brand":"adidas",

cat\_id:2,

"tags":["a","b","c"]

},

{

"prod\_id":3,

"prod\_price":500,

"prod\_description":"hoddie",

"prod\_status":"out of stock",

"brand":"fila",

cat\_id:3,

"tags":["a","b","c"]

},

{

"prod\_id":4,

"prod\_price":1000,

"prod\_description":"cargo jeans",

"prod\_status":"in stock",

"brand":"reebok",

cat\_id:4,

"tags":["a","b","c"]

}

])

**CART TABLE**

db.cart.insertMany([

{

"prod\_id":1,

"quantity":2,

"size":"S"

},

{

"prod\_id":2,

"quantity":2,

"size":"M"

},

{

"prod\_id":3,

"quantity":2,

"size":"L"

},

{

"prod\_id":4,

"quantity":2,

"size":"XL"

}

])

**PRODUCT CATEGORY TABLE**

db.product\_category.insertMany([

{

"cat\_id":1,

"category\_name":"shirts",

"subcategory":"checked shirts"

},

{

"cat\_id":2,

"category\_name":"jeans",

"subcategory":"rugged jeans"

},

{

"cat\_id":3,

"category\_name":"winter",

"subcategory":"jackets"

},

{

"cat\_id":4,

"category\_name":"ethnic",

"subcategory":"saree"

}

])

**ORDER TABLE**

db.order.insertMany([

{

"order\_no":1,

"order\_date":"2022-11-11",

"order\_amt":500,

"cust\_id":1

},

{

"order\_no":2,

"order\_date":"2022-11-11",

"order\_amt":500,

"cust\_id":2

},

{

"order\_no":3,

"order\_date":"2022-11-11",

"order\_amt":500,

"cust\_id":3

},

{

"order\_no":4,

"order\_date":"2022-11-11",

"order\_amt":600,

"cust\_id":4

}

])

**TRACKING DETAILS TABLE**

db.Tracking\_details.insertMany([

{

"tracking\_no":123124,

"courier\_name":"blue dart",

"order\_no":1

},

{

"tracking\_no":78687,

"courier\_name":"xpressbees",

"order\_no":2

},

{

"tracking\_no":1453124,

"courier\_name":"india post",

"order\_no":3

},

{

"tracking\_no":135424,

"courier\_name":"blue dart",

"order\_no":4

}

])

**ADMIN TABLE**

db.admin.insertMany([

{

"admin\_id":1,

"admin\_name":"alladin"

},

{

"admin\_id":2,

"admin\_name":"RK khan"

},

{

"admin\_id":3,

"admin\_name":"kd singh"

},

{

"admin\_id":1,

"admin\_name":"TK thakur"

}

])

**SELLER TABLE**

db.seller.insertMany([

{

"seller\_id":1,

"seller\_name":"D kartik",

"seller\_city":"Delhi",

},

{

"seller\_id":2,

"seller\_name":"V Kohli",

"seller\_city":"Kashmir"

},

{

"seller\_id":3,

"seller\_name":"Y chhahl",

"seller\_city":"goa"

},

{

"seller\_id":4,

"seller\_name":"D kartik",

"seller\_city":"Mumbai"

}

])

**QUERIES**

1]db.customer.aggregate({$avg:"order\_amt"})

2]db.customer.find({order\_amt}).sort({"title":1}).limit(10)

3]db.order.aggregate({$sum:order\_amt})

4]db.customer.aggregate([ {$group : {\_id:"$city", count:{$cust\_id}} ])

5]

db.getCollection('customer').aggregate([{$lookup:

{from: 'seller',localField: 'city',as: 'same\_city'}

}]);