

1. Customer (customername,customeremail,customermobno,customerwallet)

```
db.Customer.insertMany([{"_id":1,"customerName" : "Sana","customeremail":  
"sana@gmail.com", "customermobno": "79878676","customerwallet": 2090,  
"customerAddress"  
:{"customercity":"Delhi","customerpincode":561209,"customeraddress":"5th cross,#2"}}  
,{"_id":2,"customerName" : "Mithali","customeremail": "mithali@gmail.com",  
"customermobno": "8987878","customerwallet": 22090,"customerAddress"  
:{"customercity":"Bangalore","customerpincode":561203,"customeraddress":"6th  
cross,#2"}}]);
```

```
db.Customer.insert([{"_id":3,"customerName" : "Avni","customeremail": "avnii@gmail.com",  
"customermobno":"87675675","customerwallet":76567,"customerAddress":{"customercity":"  
Delhi","customerpincode":564123,"customeraddress":"9th cross,#2"}}]);
```

2. Orders(orderstatus,orderamount)

```
db.Orders.insertMany([{"_id":1,"orderstatus":"pending","orderamount":2200}, {"_id":2,"order  
status":"approved","orderamount":1200}]);
```

3. Vendors/Sellers (vendorname,vendoremail,vendormobno,vendorwallet)

```
db.Vendors.insertMany([{"_id":1,"vendorname":"Shaym","vendoremai":"shya@gmail.com","vendormobno":786756456,"vendorwallet":376667},{ "_id":2,"vendorname":"harsh","vendoremai":"har@gmail.com","vendormobno":75645,"vendorwallet":36667}]);
```

4.Products(productname,productcategory,productprice)

```
db.Products.insertMany([{"_id":1,"productname":"Iphone 12","productcategory":"Mobile","productprice":65000},{ "_id":2,"productname":"Yamaha guitar","productcategory":"instruments","productprice":8000}]);
```

QUERY

1.find all customers whose city is 'Delhi'

```
db.Customer.find({"customerAddress.customercity":"Delhi"});
```

SOLUTION:

```
{ "_id" : 1, "customerName" : "Sana", "customeremail" : "sana@gmail.com", "customermobno" : "79878676", "customerwallet" : 2090, "customerAddress" : { "customercity" : "Delhi", "customerpincode" : 561209, "customeraddress" : "5th cross,#2" } }
```

```
{ "_id" : 3, "customerName" : "Avni", "customeremail" : "avnii@gmail.com", "customermobno" : "87675675", "customerwallet" : 76567, "customerAddress" : { "customercity" : "Delhi", "customerpincode" : 564123, "customeraddress" : "9th cross,#2" } }
```

2. find productname,price from products

```
db.Products.aggregate([  
  { $group : { _id: { productname: "$productname", productprice: "$productprice" } } }  
])
```

SOLUTION

```
{ "_id" : { "productname" : "Iphone 12", "productprice" : 65000 } }  
{ "_id" : { "productname" : "Yamaha guitar", "productprice" : 8000 } }
```

3. find orders where orderstatus is 'pending'

```
db.Orders.find({orderstatus:"pending"});
```

SOLUTION

```
{ "_id" : 1, "orderstatus" : "pending", "orderamount" : 2200 }
```

4. find all addresses whose pincode is 600012

INSERTING NEW DOCUMENT

```
db.Customer.insertMany([{"_id":4,"customerName" : "jennie","customeremail":  
"jeni@gmail.com",  
"customermobno":"765443","customerwallet":645,"customerAddress":{"customercity":"chen  
nai","customerpincode":600012,"customeraddress":"9th cross,#2"}}]);
```

```
db.Customer.find({"customerAddress.customerpincode":"600012"});
```

