**NAME:: IBRAR BABR**

**Roll no. 19P-0104**

**Database Task**

**Section 4A**

1. db.sales.find({storelocation:{$eq:”london” }). pretty()
2. db.sales.find({couponUsed:true, purchaseMethod:"In store"}).pretty()
3. db.sales.find({"customer.age" : {$gt : 45} }).pretty()
4. db.sales.find({"items.0.tags" : "school"}).pretty()
5. db.sales.find({"items.0.tags" : "school" , "items.0.price" : {$gt : 500}}).pretty()
6. db.sales.find({"items.0.quantity" :{$lte:50}}).pretty()
7. db.sales.updateMany({ "purchaseMethod" : "Phone"}, { $set: { "couponUsed" : true}})
8. db.sales.update({},{$rename: {"saleDate" : "purchaseDate"}}, false, true)
9. db.sales.updateMany({ "customer.gender" : "F"}, {$inc: {"customer.age":2}})
10. db.sales.deleteMany({"items.1.price" : {$gt : 100}})