mongod --port 27017 --dbpath ~/Desktop/mongoDB/replicaPractice/db0 --replSet "rs0" --bind\_ip localhost --fork --logpath ~/db0.log

mongod --port 27018 --dbpath ~/Desktop/mongoDB/replicaPractice/db1 --replSet "rs0" --bind\_ip localhost --fork --logpath ~/db1.log

mongod --port 27019 --dbpath ~/Desktop/mongoDB/replicaPractice/db2 --replSet "rs0" --bind\_ip localhost --fork --logpath ~/db2.log

initialize the replica set

rs.initiate({

\_id: "myReplSet",

members: [

{ \_id: 0, host: "localhost:27017" },

{ \_id: 1, host: "localhost:27018" },

{ \_id: 2, host: "localhost:27019" }

]

})

MongoClient mongoClient = MongoClients.create(

"mongodb://localhost:27017,localhost:27018,localhost:27019/?replicaSet=myReplSet"

);

**Price Range Query** with Replica Set Connection

package connection;

import com.mongodb.client.\*;

import org.bson.Document;

public class PriceRangeQuery {

public static void main(String[] args) {

// Connect to replica set

try (MongoClient mongoClient = MongoClients.create(

"mongodb://localhost:27017,localhost:27018,localhost:27019/?replicaSet=myReplSet")) {

MongoDatabase database = mongoClient.getDatabase("vit");

MongoCollection<Document> collection = database.getCollection("products");

Document priceRangeQuery = new Document("price",

new Document("$gte", 700).append("$lte", 900));

FindIterable<Document> products = collection.find(priceRangeQuery);

for (Document doc : products) {

System.out.println(doc.toJson());

}

}

}

}

MongoClients.create("mongodb://localhost:27017")

MongoClients.create("mongodb://localhost:27017,localhost:27018,localhost:27019/?replicaSet=myReplSet")