

Evening class link :: <https://us06web.zoom.us/j/86823861191>

Spring data provides 2 approaches to perform curd operation and other operations on mongodb

- a. Using MongoRepository(recommended)
- b. Using MongoTemplate

Working with MongoRepository

=====

```
Repository(I)
    | extends
CrudRepository(I)
    | extends
PagingAndSortingRepository(I)
    | extends
MongoRepository(I)
```

Example using MongoRepository

=====

1. Create a SpringBootStarter Project having mongodb and lombok dependencies
2. develop application.properties

```
spring.data.mongodb.database=fsDB
spring.data.mongodb.port=27017
spring.data.mongodb.host=localhost
```
3. Develop document and DTO class
4. Develop Repository Interface
5. Develop Service Interface and Implementation class.
6. Develop Test class and execute the application

refer:: DAO-SpringDataJPA-MongoDB-CrudApp

After running the application, check in mongoshell using the following commands

=====

```
> show collections
customer
> db.customer.find().pretty()
{
  "_id" : ObjectId("6440a7271613f27c8242d0d5"),
  "cno" : 10,
  "cname" : "sachin",
  "billAmt" : 100,
  "_class" : "in.ineuron.document.Customer"
}
```

Usage of finder methods in SpringBootMongoDB

=====

```
public interface ICustomerRepo extends MongoRepository<Customer, String> {
    public List<Customer> findByBillAmtBetween(float start, float end);
    public List<Customer>
    findByCaddrInAndMobileNoIsNotNull(String ...address);
}
```

