

1. `db.Demo.insert({ First_Name:"Shreyal" ,  
Last_Name:"Shah" , DOB:"23/11/2001" ,  
age:21, Location:"Ahmedabad"  
})`

2. `db.Demo.insert({ First_Name:"Jainil" ,  
Last_Name:"Solanki" , tags:["mongodb",  
"nosql"] ,  
comments:[{ user:"Shreyal"  
message:"first comment on instagram"}]  
})`

### 3. AND

```
db.Demo.find({$and: [{age:21 ,  
Location:"Ahmedabad"}] })
```

### 4. OR

```
db.Demo.find({$or: [{age:21 ,  
Location:"Ahmedabad"}] })
```

## 5. AND OR Together

```
db.Demo.find( {age: {$lt:22} , $or: [ {  
Location:"Ahmedabad"} ,  
{Location:"Mehsana" } ] } )
```

## 6. NOR

```
db.Demo.find({ $nor :[ {age:22} ] } )
```

## 7. NOR AND

```
db.Demo.find({ $nor :[ {age:22} ] ,  
Location:"Ahmedabad" } )
```

```
8. db.Demo.find( { age: { $not:{ $gt:21} }  
} )
```

## 9. Update

```
db.Demo.update( {First_Name:"Jainil"} ,  
{$set : {Location:"Gandhinagar"} })
```

```
db.Demo.update({age:22 },  
{ $set:{age:23} } )
```

## 10. Regex

```
db.Demo.find({First_Name:{$regex:  
/^Sh/} } , {"First_Name":1})
```

```
db.Demo.find({First_Name:{$regex:  
/^Sh/} } )
```

```
db.Demo.find({Location:{$regex: "A.*"}  
})
```

```
db.Demo.find({Location:{$regex: "a.*"}  
})
```

```
db.Demo.find({First_Name:{$regex: /a1/} })
```

## 11. Sort

```
db.Demo.find().sort({First_Name:1})
```

Descending

```
db.Demo.find().sort({age:-1})
```

12. `db.Demo.find({Location:"Ahmedabad"} , {First_Name:1})`

13. `db.Demo.find( {Location: {$in:["Ahmedabad","Mehsana"]} })`