

```
test> use ani
switched to db ani
ani> db.student.insertOne({name:"anisha"},{age:20},{address:"pune"})
{
  acknowledged: true,
  insertedId: ObjectId('68e757af8703af4ba389b03d')
}
ani>
db.student.insertMany([{"name":"garima",age:20,address:"nasik"}, {"name":"shivai",age:21,address:"nagar"}])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('68e757da8703af4ba389b03e'),
    '1': ObjectId('68e757da8703af4ba389b03f')
  }
}
ani> db.student.find()
[
  { _id: ObjectId('68e757af8703af4ba389b03d'), name: 'anisha' },
  {
    _id: ObjectId('68e757da8703af4ba389b03e'),
    name: 'garima',
    age: 20,
    address: 'nasik'
  },
  {
    _id: ObjectId('68e757da8703af4ba389b03f'),
    name: 'shivai',
    age: 21,
    address: 'nagar'
  }
]
ani> db.student.find({age:21})
[
  {
    _id: ObjectId('68e757da8703af4ba389b03f'),
    name: 'shivai',
    age: 21,
    address: 'nagar'
  }
]
ani> db.student.find({age:{$gt:20}})
[
  {
    _id: ObjectId('68e757da8703af4ba389b03f'),
    name: 'shivai',
    age: 21,
    address: 'nagar'
  }
]
ani> db.student.find({age:{$lt:20}})
```

```

ani> db.student.find({age:{$lte:20}})
[
  {
    _id: ObjectId('68e757da8703af4ba389b03e'),
    name: 'garima',
    age: 20,
    address: 'nasik'
  }
]
ani> db.student.find({$and:[{age:{$lt:21}}, {address:"nagar"]}})
...
ani> db.student.find({$and:[{age:{$gte:21}}, {address:"nagar"]}})
[
  {
    _id: ObjectId('68e757da8703af4ba389b03f'),
    name: 'shivai',
    age: 21,
    address: 'nagar'
  }
]
ani> db.student.find({age:[{$not:{$lt:20}}]})

ani> db.student.find({age:[{$not:{$gte:20}}]})

ani> db.student.find({$nor:[{age:{$not:{$lt:21}}}, {address:"nagar"]}})
...
[
  {
    _id: ObjectId('68e757da8703af4ba389b03e'),
    name: 'garima',
    age: 20,
    address: 'nasik'
  }
]
SyntaxError: Unexpected token, expected "," (1:52)

> 1 | db.student.find({$or:[{age:{$not:{$lt:21}}}, address:"nagar"]})
| ^
2 | db.student.find({$or:[{age:{$not:{$lt:21}}}, {address:"nagar"]}})
3 |

ani> db.student.find({$or:[{age:{$not:{$lt:21}}}, {address:"nagar"]}})
[
  { _id: ObjectId('68e757af8703af4ba389b03d'), name: 'anisha' },
  {
    _id: ObjectId('68e757da8703af4ba389b03f'),
    name: 'shivai',
    age: 21,
    address: 'nagar'
  }
]

```

```
]
ani> db.student.updateOne({name:"anisha"},{$set:{age:19}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
ani> db.student.find()
[
  {
    _id: ObjectId('68e757af8703af4ba389b03d'),
    name: 'anisha',
    age: 19
  },
  {
    _id: ObjectId('68e757da8703af4ba389b03e'),
    name: 'garima',
    age: 20,
    address: 'nasik'
  },
  {
    _id: ObjectId('68e757da8703af4ba389b03f'),
    name: 'shivai',
    age: 21,
    address: 'hagar'
  }
]
ani> db.collection.updateOne(
... { _id: 123 },           // query filter
... { $set: { name: "Alice" } }, // update operation
... { upsert: true }         // options: upsert enabled
... { $set: { name: "Alice" } }, // update operation
Uncought:
SyntaxError: Unexpected token, expected "," (5:2)
```

```
3 | { $set: { name: "Alice" } }, // update operation
4 | { upsert: true }           // options: upsert enabled
> 5 | { $set: { name: "Alice" } }, // update operation
   | ^
6 |
```

```
ani> db.student.updateOne(
... {
... name:"mana",
...
... })
ani> db.student.find()
[
  {
    _id: ObjectId('68e757af8703af4ba389b03d'),
```

```
name: 'anisha',
age: 19
},
{
  _id: ObjectId('68e757da8703af4ba389b03e'),
  name: 'garima',
  age: 20,
  address: 'nasik'
}
]
ani> db.student.updateOne(
... {name:"mana"},
... {$set:{name:"mana"}},
... {upsert:true},
... );
{
  acknowledged: true,
  insertedId: ObjectId('68e75c247721033c07bd3465'),
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 1
}
ani> db.student.find()
[
  {
    _id: ObjectId('68e757af8703af4ba389b03d'),
    name: 'anisha',
    age: 19
  },
  {
    _id: ObjectId('68e757da8703af4ba389b03e'),
    name: 'garima',
    age: 20,
    address: 'nasik'
  },
  { _id: ObjectId('68e75c247721033c07bd3465'), name: 'mana' }
]
ani>
```