

```
test> show databases
admin      40.00 KiB
bookstore  108.00 KiB
config     72.00 KiB
local      72.00 KiB
test       72.00 KiB
todolist   72.00 KiB
test> 1+2
```

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```
test> use class
switched to db class
class> show databases
admin      40.00 KiB
bookstore  108.00 KiB
config     108.00 KiB
local      72.00 KiB
test       72.00 KiB
todolist   72.00 KiB
```

```
class> db
class
class> show collections
```

```
class> db.student.insertOne({name:"tanisha",marks:"90"})
{
  acknowledged: true,
  insertedId: ObjectId('67ea78f25126a1e6bb0d8190')
}
class> show collections
student
class> db.student.find()
[
  {
    _id: ObjectId('67ea78f25126a1e6bb0d8190'),
    name: 'tanisha',
    marks: '90'
  }
]
```

```
class> db.student.insertOne({name: "vishal", city:"hyderabad"});
{
  acknowledged: true,
  insertedId: ObjectId('67ea79d05126a1e6bb0d8191')
}
class> db.student.find();
[
  {
    _id: ObjectId('67ea78f25126a1e6bb0d8190'),
    name: 'tanisha',
    marks: '90'
  },
  {
    _id: ObjectId('67ea79d05126a1e6bb0d8191'),
    name: 'vishal',
    city: 'hyderabad'
  }
]
```

```

class> db.student.insertMany([{name: 'kary', country: 'london'}, {name: "don", age: "20"}]);
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('67ea7b2f5126a1e6bb0d8192'),
    '1': ObjectId('67ea7b2f5126a1e6bb0d8193')
  }
}
class> db.student.find();
[
  {
    _id: ObjectId('67ea78f25126a1e6bb0d8190'),
    name: 'tanisha',
    marks: '90'
  },
  {
    _id: ObjectId('67ea79d05126a1e6bb0d8191'),
    name: 'vishal',
    city: 'hyderabad'
  },
  {
    _id: ObjectId('67ea7b2f5126a1e6bb0d8192'),
    name: 'kary',
    country: 'london'
  },
  { _id: ObjectId('67ea7b2f5126a1e6bb0d8193'), name: 'don', age: '20' }
]
class>

```

```

class> db.student.find({country: 'london'});
[
  {
    _id: ObjectId('67ea7b2f5126a1e6bb0d8192'),
    name: 'kary',
    country: 'london'
  }
]
class> db.student.findOne({name: 'vishal'});
{
  _id: ObjectId('67ea79d05126a1e6bb0d8191'),
  name: 'vishal',
  city: 'hyderabad'
}
class> |

```

```

class> db.student.find({marks: {$gt: '60'}});
[
  {
    _id: ObjectId('67ea78f25126a1e6bb0d8190'),
    name: 'tanisha',
    marks: '90'
  }
]
class> db.student.find({city: {$in: ["delhi", "hyderabad"]}});
[
  {
    _id: ObjectId('67ea79d05126a1e6bb0d8191'),
    name: 'vishal',
    city: 'hyderabad'
  }
]

```

```

class> db.student.find({ $or: [{city: "hyderabad"}, {marks: {$gt: '75'}}]});
[
  {
    _id: ObjectId('67ea78f25126a1e6bb0d8190'),
    name: 'tanisha',
    marks: '90'
  },
  {
    _id: ObjectId('67ea79d05126a1e6bb0d8191'),
    name: 'vishal',
    city: 'hyderabad'
  }
]
class> |

```

```

class> db.student.updateOne({name: "tanisha"}, {$set: {marks: "99"}});
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
class> db.student.find({name: "tanisha"});
[
  {
    _id: ObjectId('67ea78f25126a1e6bb0d8190'),
    name: 'tanisha',
    marks: '99'
  }
]
class> |

```

```

class> db.student.updateOne({marks:"99"},{$set:{name:"vishal"}},{ $addField:
{age:"23"}}});
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
class> db.student.find({name:"vishal"});
[
  {
    _id: ObjectId('67ea78f25126a1e6bb0d8190'),
    name: 'vishal',
    marks: '99'
  },
  {
    _id: ObjectId('67ea79d05126a1e6bb0d8191'),
    name: 'vishal',
    city: 'hyderabad'
  }
]
class> |

```

```

class> db.student.insertOne({name:"farah",performance: {marks:88,grade:'A'}});
{
  acknowledged: true,
  insertedId: ObjectId('67ea8edb5126a1e6bb0d8195')
}
class> db.student.find({name:"farah"});
[
  { _id: ObjectId('67ea8e9c5126a1e6bb0d8194'), name: 'farah' },
  {
    _id: ObjectId('67ea8edb5126a1e6bb0d8195'),
    name: 'farah',
    performance: { marks: 88, grade: 'A' }
  }
]

```

```
class> db.student.find({"performance.marks" : 88});
[
  {
    _id: ObjectId('67ea8edb5126a1e6bb0d8195'),
    name: 'farah',
    performance: { marks: 88, grade: 'A' }
  }
]
class> db.student.find({"performance.marks" : {$gt: '75'}});

class> db.student.find({"performance.marks" : {$gt: 75}});
[
  {
    _id: ObjectId('67ea8edb5126a1e6bb0d8195'),
    name: 'farah',
    performance: { marks: 88, grade: 'A' }
  }
]
class> |
```

```
class> db.student.deleteOne({name:"farah"});
{ acknowledged: true, deletedCount: 1 }
class> db.student.deleteMany({marks: {$lt:75}});
{ acknowledged: true, deletedCount: 0 }
class> show databases;
admin          40.00 KiB
bookstore     108.00 KiB
class         72.00 KiB
config        96.00 KiB
local         72.00 KiB
test          72.00 KiB
todolist      72.00 KiB
class> db.student.deleteMany({});
{ acknowledged: true, deletedCount: 5 }
class> db.dropDatabase();
```