

```

test> use college
switched to db college
college> db.createCollection("student")
{ ok: 1 }
college> db.student.insertMany({Roll_no : "1",name:"Piyush",class:"TE_Comp"},{Roll_no : "2",name:"Mohi
t",class:"TE_Comp"},{Roll_no : "3",name:"Ahiey",class:"TE_Comp"},{Roll_no : "4",name:"Hitesh",class:"T
E_Comp"},{Roll_no : "5",name:"Pratik",class:"TE_Comp"})
MongoInvalidArgumentError: Argument "docs" must be an array of documents
college> db.student.insertMany([{Roll_no : "1",name:"Piyush",class:"TE_Comp"},{Roll_no : "2",name:"Moh
it",class:"TE_Comp"},{Roll_no : "3",name:"Ahiey",class:"TE_Comp"},{Roll_no : "4",name:"Hitesh",class:"T
E_Comp"},{Roll_no : "5",name:"Pratik",class:"TE_Comp"}])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId("6548ad45b9769b1e764e63d6"),
    '1': ObjectId("6548ad45b9769b1e764e63d7"),
    '2': ObjectId("6548ad45b9769b1e764e63d8"),
    '3': ObjectId("6548ad45b9769b1e764e63d9"),
    '4': ObjectId("6548ad45b9769b1e764e63da")
  }
}
college> db.student.find()
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d6"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Hitesh',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]
college> db.student.find().pretty()

```

```
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d6"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Hitesh',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]
```

```
college> db.student.find().pretty();
```

```
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d6"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',

```

```

    name: 'Hitesh',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]
college> db.student.update({name:"Hitesh"},{$set{name:"Henry"}})
Uncaught:
SyntaxError: Unexpected token, expected "," (1:39)

```

```

> 1 | db.student.update({name:"Hitesh"},{$set{name:"Henry"}})
    |                               ^
    2 |

```

```

college> db.student.update({name:"Hitesh"},{$set:{name:"Henry"}})
Uncaught:
SyntaxError: Unexpected token, expected "," (1:54)

```

```

> 1 | db.student.update({name:"Hitesh"},{$set:{name:"Henry"}})
    |                               ^
    2 |

```

```

college> db.student.update({name:"Hitesh"},{$set:{name:"Henry"}})
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.

```

```

{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
college> db.student.find().pretty();
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d6"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
]

```

```

{
  _id: ObjectId("6548ad45b9769b1e764e63d9"),
  Roll_no: '4',
  name: 'Henry',
  class: 'TE_Comp'
},
{
  _id: ObjectId("6548ad45b9769b1e764e63da"),
  Roll_no: '5',
  name: 'Pratik',
  class: 'TE_Comp'
}
]
college> db.student.remove({ADD:"MP"})
DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany, findOneAndDelete,
or bulkWrite.
{ acknowledged: true, deletedCount: 0 }
college> db.student.find().pretty();
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d6"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Henry',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]
college> db.student.delete({name:"Piyush"})
TypeError: db.student.delete is not a function
college> db.student.deleteOne({name:"Piyush"})
{ acknowledged: true, deletedCount: 1 }
college> db.student.find().pretty();

```

```
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Henry',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]
```

```
college> db.student.save({_id: ObjectId("6548ad45b9769b1e764e63d6"),Roll_no : "1",name:"Piyush",class:"TE_Comp"})
```

TypeError: db.student.save is not a function

```
college> db.student.save({_id: ObjectId("6548ad45b9769b1e764e63d6"),{Roll_no : "1",name:"Piyush",class:"TE_Comp"}})
```

Uncaught:

SyntaxError: Unexpected token (1:59)

```
> 1 | db.student.save({_id: ObjectId("6548ad45b9769b1e764e63d6"),{Roll_no : "1",name:"Piyush",class:"TE_Comp"}})
```

```
  |                                     ^
  2 |
```

```
college> db.student.save({Roll_no : "1",name:"Piyush",class:"TE_Comp"})
```

TypeError: db.student.save is not a function

```
college> db.student.insertMany([{Roll_no : "1",name:"Piyush",class:"TE_Comp"}])
```

{MongoInvalidArgumentError: Argument "docs" must be an array of documents

acknowledged: true,

insertedIds: { '0': ObjectId("6548b239b9769b1e764e63db") }

```
}
```

```
college> db.student.find().pretty();
```

```
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
```

```

    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Henry',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548b239b9769b1e764e63db"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  }
]

```

```
college> db.student.find({$and:[{name:"Piyush"},{Roll_no : "2"}]})
```

Uncaught:

SyntaxError: Unexpected token, expected "," (1:54)

```

> 1 | db.student.find({$and:[{name:"Piyush"},{Roll_no : "2"}]})
    |                                     ^
    2 |

```

```
college> db.student.find({$and:[{name:"Piyush"},{Roll_no : "2"}]})
```

Uncaught:

SyntaxError: Unexpected token, expected "," (1:55)

```

> 1 | db.student.find({$and:[{name:"Piyush"},{Roll_no : "2"}]})
    |                                     ^
    2 |

```

```
college> db.student.find({$and:[{name:"Piyush"},{Roll_no : "2"}]})
```

```
college> db.student.find({$and:[{name:"Piyush"},{Roll_no : "1"}]})
```

```

[
  {
    _id: ObjectId("6548b239b9769b1e764e63db"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  }
]

```

```
college> db.student.find({$or:[{name:"Piyush"},{Roll_no : "2"}]})
```

```

[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),

```

```

    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548b239b9769b1e764e63db"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  }
]
college> db.student.find({$or:[{name:"Piyush"},{Roll_no : "2"}]}).pretty()
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548b239b9769b1e764e63db"),
    Roll_no: '1',
college> db.student.find({$nor:[{name:"Piyush"},{Roll_no : "2"}]})
[ class: 'TE_Comp'
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',nt.find({$and:[{name:"Piyush"},{Roll_no : "1"}]}).pretty()
    name: 'Ahiey',
    class: 'TE_Comp'
  },_id: ObjectId("6548b239b9769b1e764e63db"),
  { Roll_no: '1',
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',mp'
    name: 'Henry',
    class: 'TE_Comp'
  },ege> db.student.find({$and:[{name:"Piyush"},{class:"TE_Comp"}]}).pretty()
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',("6548b239b9769b1e764e63db"),
    name: 'Pratik',
    class: 'TE_Comp'
  } class: 'TE_Comp'
]
college> db.student.find({Roll_no : {$eq:"2"}}).pretty()
[ollege> db.student.find({age:{$lte:27}})
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  }
]
college> db.student.find({Roll_no : {$eq:"5"}}).pretty()
[
  {

```

```

    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]
college> db.student.find({Roll_no : {$ne:"5"}}).pretty()
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Henry',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548b239b9769b1e764e63db"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  }
]
college> db.student.find({Roll_no : {$gt:"5"}}).pretty()

college> db.student.find({Roll_no : {$gt:"2"}}).pretty()
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Henry',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]

```



```
]
college> db.student.find({Roll_no : {$gte:"2"}}).pretty()
```

```
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Henry',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]
```

```
college> db.student.find({Roll_no : {$lt:"2"}}).pretty()
```

```
[
  {
    _id: ObjectId("6548b239b9769b1e764e63db"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  }
]
```

```
college> db.student.find({Roll_no : {$lte:"2"}}).pretty()
```

```
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548b239b9769b1e764e63db"),
    Roll_no: '1',
    name: 'Piyush',
    class: 'TE_Comp'
  }
]
```

```
college> db.student.find({Roll_no : {$lte:"5", $gte:"2"}}).pretty()
```

```
[
  {
```

```

    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Henry',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]
college> db.student.find({Roll_no : {$lte:"5",$gt:"2"}}).pretty()
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),
    Roll_no: '3',
    name: 'Ahiey',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d9"),
    Roll_no: '4',
    name: 'Henry',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63da"),
    Roll_no: '5',
    name: 'Pratik',
    class: 'TE_Comp'
  }
]
college> db.student.find({Roll_no : {$lt:"5",$gte:"2"}}).pretty()
[
  {
    _id: ObjectId("6548ad45b9769b1e764e63d7"),
    Roll_no: '2',
    name: 'Mohit',
    class: 'TE_Comp'
  },
  {
    _id: ObjectId("6548ad45b9769b1e764e63d8"),

```

```
Roll_no: '3',  
name: 'Ahiey',  
class: 'TE_Comp'  
},  
{  
  _id: ObjectId("6548ad45b9769b1e764e63d9"),  
  Roll_no: '4',  
  name: 'Henry',  
  class: 'TE_Comp'  
}  
]  
college>
```