

```
Atlas atlas-wanmtx-shard-0 [primary] Student> use Students
```

```
switched to db Students
```

```
Atlas atlas-wanmtx-shard-0 [primary] Students> show collections
```

```
Atlas atlas-wanmtx-shard-0 [primary] Students> db.students.insertMany([
```

```
...   { "Rollno": 10, "Name": "John", "Age": 20, "ContactNo": "1234567890", "Email-Id":  
"john@example.com", "grade": "A", "hobby": "Reading" },
```

```
...   { "Rollno": 11, "Name": "Alice", "Age": 21, "ContactNo": "9876543210", "Email-Id":  
"alice@example.com", "grade":  
"B", "hobby": "Painting" },
```

```
...   { "Rollno": 12, "Name": "Bob", "Age": 22, "ContactNo": "2345678901", "Email-Id": "  
bob@example.com", "grade": "C", "hobby": "Cooking" },
```

```
...   { "Rollno": 13, "Name": "Eve", "Age": 23, "ContactNo": "3456789012", "Email-Id": "  
eve@example.com", "grade": "A"
```

```
},
```

```
...   { "Rollno": 14, "Name": "Charlie", "Age": 24, "ContactNo": "4567890123", "Email-Id  
": "charlie@example.com", "hobby": "Gardening" }  
... ])
```

```
{
```

```
  acknowledged: true,  
  insertedIds: {
```

```
    '0': ObjectId("661ce9dc76a00ff8cc51dae1"),
```

```
    '1': ObjectId("661ce9dc76a00ff8cc51dae2"),
```

```
    '2': ObjectId("661ce9dc76a00ff8cc51dae3"),
```

```
    '3': ObjectId("661ce9dc76a00ff8cc51dae4"),
```

```
    '4': ObjectId("661ce9dc76a00ff8cc51dae5")
```

```
  }
```

```
}
```

```
Atlas atlas-wanmtx-shard-0 [primary] Students> db.students.updateOne(
...     { "Rollno": 10 },
...     { $set: { "Email-Id": "john.doe@example.com" } }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

```
Atlas atlas-wanmtx-shard-0 [primary] Students> db.students.updateOne
...      { "Rollno": 11 },
...      { $set: { "Name": "Alice" } }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

```
Atlas atlas-wanmtx-shard-0 [primary] Students> db.students.find({ "hobby": { $nin: ["Chess", "Skating"] } })
[
  {
    _id: ObjectId("661ce9dc76a00ff8cc51dae1"),
    Rollno: 10,
    Name: 'John',
    Age: 20,
    ContactNo: '1234567890',
    'Email-Id': 'john.doe@example.com',
    grade: 'A',
    hobby: 'Reading'
  },
  {
    _id: ObjectId("661ce9dc76a00ff8cc51dae2"),
    Rollno: 11,
    Name: 'Alice',
    Age: 21,
    ContactNo: '9876543210',
    'Email-Id': 'alice@example.com',
    grade: 'B',
    hobby: 'Painting'
  },
  {
    _id: ObjectId("661ce9dc76a00ff8cc51dae3"),
    Rollno: 12,
    Name: 'Bob',
    Age: 22,
    ContactNo: '2345678901',
    'Email-Id': 'bob@example.com',
    grade: 'C',
    hobby: 'Cooking'
  },
]
```

```
Atlas atlas-wanmtx-shard-0 [primary] Students> db.students.find({}, { "Name": 1, "grade":
{ $ifNull: ["$grade", "Not available"] }, "_id": 0 })
[
  { Name: 'John', grade: 'A' },
  { Name: 'Alice', grade: 'B' },
  { Name: 'Bob', grade: 'C' },
  { Name: 'Eve', grade: 'A' },
  { Name: 'Charlie', grade: 'Not available' }
]
```