

Create a database Myclass

- Create a collection named "db\_students"
  - > Should contain this fields : { student\_name, student\_rollno, mark[subject, mark] }
  - Nb: Mark should be stored as array
- Insert details of 10 students in a class
- List the entire students in the class
- Update mark of any students in the collection "db\_students"
- Delete the data of first student in the collection

Output:

```
*> use MyClass
```

```
*> db.createCollection("students")
```

```
*>db.students.insert([{"student_name":"Karthik","student_rollno":"1","Mark":{"Subject":"Maths","Mark":"50"}}])
```

```
>db.students.insert([{"student_name":"Vijay","student_rollno":"2","Mark":{"Subject":"Maths","Mark":"70"}}])
```

```
>db.students.insert([{"student_name":"Surya","student_rollno":"3","Mark":{"Subject":"Maths","Mark":"70"}}])
```

```
>db.students.insert([{"student_name":"Rajinikanth","student_rollno":"4","Mark":{"Subject":"Maths","Mark":"40"}}])
```

```
>db.students.insert([{"student_name":"Barathi","student_rollno":"5","Mark":{"Subject":"Maths","Mark":"48"}}])
```

```
>db.students.insert([{"student_name":"Sheela","student_rollno":"6","Mark":{"Subject":"Maths","Mark":"95"}}])
```

```
db.students.insert([{"student_name":"Naseer","student_rollno":"7","Mark":{"Subject":"Maths","Mark":"56"}}])
```

```
db.students.insert([{"student_name":"Hema","student_rollno":"8","Mark":{"Subject":"Maths","Mark":"67"}}])
```

```
db.students.insert([{"student_name":"Deepa","student_rollno":"9","Mark":{"Subject":"Maths","Mark":"57"}}])
```

```
db.students.insert([{"student_name":"Ajith","student_rollno":"10","Mark":{"Subject":"Maths","Mark":"94"}}])
```

```
*> db.students.find()
```

```
{ "_id" : ObjectId("614ad0275bcc5f098aa01051"), "student_name" : "Karthik", "student_rollno" : "1", "Mark" : [ { "Subject" : "Maths", "Mark" : "50" } ] }
```

```
{ "_id" : ObjectId("614ad0605bcc5f098aa01052"), "student_name" : "Vijay", "student_rollno" : "2", "Mark" : [ { "Subject" : "Maths", "Mark" : "70" } ] }
```

```
{ "_id" : ObjectId("614ad0795bcc5f098aa01053"), "student_name" : "Surya", "student_rollno" : "3",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "70" } ] }
```

```
{ "_id" : ObjectId("614ad0a45bcc5f098aa01054"), "student_name" : "Rajinikanth", "student_rollno" :  
"4", "Mark" : [ { "Subject" : "Maths", "Mark" : "40" } ] }
```

```
{ "_id" : ObjectId("614ad0c85bcc5f098aa01055"), "student_name" : "Barathi", "student_rollno" :  
"5", "Mark" : [ { "Subject" : "Maths", "Mark" : "48" } ] }
```

```
{ "_id" : ObjectId("614ad0eb5bcc5f098aa01056"), "student_name" : "Sheela", "student_rollno" : "6",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "95" } ] }
```

```
{ "_id" : ObjectId("614ad10b5bcc5f098aa01057"), "student_name" : "Naseer", "student_rollno" :  
"7", "Mark" : [ { "Subject" : "Maths", "Mark" : "56" } ] }
```

```
{ "_id" : ObjectId("614ad1ea5bcc5f098aa01058"), "student_name" : "Hema", "student_rollno" : "8",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "67" } ] }
```

```
{ "_id" : ObjectId("614ad2155bcc5f098aa01059"), "student_name" : "Deepa", "student_rollno" : "9",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "57" } ] }
```

```
{ "_id" : ObjectId("614ad23b5bcc5f098aa0105a"), "student_name" : "Ajith", "student_rollno" : "10",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "94" } ] }
```

```
*>db.students.update({"student_name":"Deepa"},{$set:{"Mark":{"Subject":"Maths","Mark":"80  
"}}})
```

```
*> db.students.find()
```

```
{ "_id" : ObjectId("614ad0275bcc5f098aa01051"), "student_name" : "Karthik", "student_rollno" :  
"1", "Mark" : [ { "Subject" : "Maths", "Mark" : "50" } ] }
```

```
{ "_id" : ObjectId("614ad0605bcc5f098aa01052"), "student_name" : "Vijay", "student_rollno" : "2",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "70" } ] }
```

```
{ "_id" : ObjectId("614ad0795bcc5f098aa01053"), "student_name" : "Surya", "student_rollno" : "3",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "70" } ] }
```

```
{ "_id" : ObjectId("614ad0a45bcc5f098aa01054"), "student_name" : "Rajinikanth", "student_rollno" :  
"4", "Mark" : [ { "Subject" : "Maths", "Mark" : "40" } ] }
```

```
{ "_id" : ObjectId("614ad0c85bcc5f098aa01055"), "student_name" : "Barathi", "student_rollno" :  
"5", "Mark" : [ { "Subject" : "Maths", "Mark" : "48" } ] }
```

```
{ "_id" : ObjectId("614ad0eb5bcc5f098aa01056"), "student_name" : "Sheela", "student_rollno" : "6",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "95" } ] }
```

```
{ "_id" : ObjectId("614ad10b5bcc5f098aa01057"), "student_name" : "Naseer", "student_rollno" :  
"7", "Mark" : [ { "Subject" : "Maths", "Mark" : "56" } ] }
```

```
{ "_id" : ObjectId("614ad1ea5bcc5f098aa01058"), "student_name" : "Hema", "student_rollno" : "8",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "67" } ] }
```

```
{ "_id" : ObjectId("614ad2155bcc5f098aa01059"), "student_name" : "Deepa", "student_rollno" : "9",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "80" } ] }
```

```
{ "_id" : ObjectId("614ad23b5bcc5f098aa0105a"), "student_name" : "Ajith", "student_rollno" : "10",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "94" } ] }
```

```
*> db.db_students.remove({"student_name":"Karthik"})
```

```
*> db.students.find()
```

```
{ "_id" : ObjectId("614ad0275bcc5f098aa01051"), "student_name" : "Karthik", "student_rollno" :  
"1", "Mark" : [ { "Subject" : "Maths", "Mark" : "50" } ] }
```

```
{ "_id" : ObjectId("614ad0605bcc5f098aa01052"), "student_name" : "Vijay", "student_rollno" : "2",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "70" } ] }
```

```
{ "_id" : ObjectId("614ad0795bcc5f098aa01053"), "student_name" : "Surya", "student_rollno" : "3",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "70" } ] }
```

```
{ "_id" : ObjectId("614ad0a45bcc5f098aa01054"), "student_name" : "Rajinikanth", "student_rollno" :  
"4", "Mark" : [ { "Subject" : "Maths", "Mark" : "40" } ] }
```

```
{ "_id" : ObjectId("614ad0c85bcc5f098aa01055"), "student_name" : "Barathi", "student_rollno" :  
"5", "Mark" : [ { "Subject" : "Maths", "Mark" : "48" } ] }
```

```
{ "_id" : ObjectId("614ad0eb5bcc5f098aa01056"), "student_name" : "Sheela", "student_rollno" : "6",  
"Mark" : [ { "Subject" : "Maths", "Mark" : "95" } ] }
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{ "_id" : ObjectId("614ad10b5bcc5f098aa01057"), "student_name" : "Naseer", "student_rollno" :  
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```

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```

```
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"Mark" : [ { "Subject" : "Maths", "Mark" : "94" } ] }
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