MONGODB PROJECT

BASIC SECTION

How to use \$updateOne AND updateMany operator in MongoDB

dataset

```
id:1,
'name': "Manasa",
age: 25,
grades: [
{ grade: "Maths", score: 80 },
{ grade: "Science", score: 85 }
_id: 2,
'name': "Chandrasekar",
age: 35,
grades: [
{ grade: "Maths", score: 95 },
{ grade: "Science", score: 88 }
1
id: 3,
'name': "Deepak",
age: 30,
grades: [
{ grade: "Maths", score: 85 },
{ grade: "Science", score: 90 }
>use('student')
>db.scorce.insertMany([
{
' id': 1,
'name':'Deepak',
'age': 30,
'grades':[{'grade':'Maths','score': 85 },{'grade':'Science','score': 90 }]},
' id': 2,
'name':'Chandrasekar',
```

```
'age': 35,
'grades':[{'grade':'Maths','score': 95 },{'grade':'Science','score': 88}]},
{
'_id': 3,
'name':'Manasa',
'age': 25,
'grades':[{'grade':'Maths','score': 80 },{'grade':'Science','score': 85}]}
]);
```

Verifying operation

db.score.find()

```
| Source | S
```

1) Query To Update Age =26 Whoose Name Is Manasa

```
db.score.updateOne(
  { name: "Manasa" },
  { $set: { age: 36 } }
)
```

```
| Js use ('student') c\Users\ABC\Downloads\mongodb\playground-2.mongodb.js | \bigcup |
```

1.1) verifying the result

db.score.find({_id:3})

```
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```

2) Query To Increment Age By 5 Whose Name Is Chandrasekar

```
db.score.updateOne(
  { name: "Chandrasekar" },
  { $inc: { age: 6 } }
)
```

2.1) verifying the result

db.score.find({_id:2})

3) Demonstrate Example of Upsert in MongoDB

```
db.score.updateOne(
  { name: "Anjali" },
  { $set: { age: 25, grades: [] } },
  { upsert: true }
)
```

3.1) verifing output

db.score.find({age:25})

```
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```

4) Query Update Maths Score to 95 Using \$[Elem] And Array Filters Of Student Name Deepak

```
db.score.updateOne(
  { name: "Deepak" },
  { $set: { "grades.$[elem].score": 99 } },
  { arrayFilters: [ { "elem.grade": "Maths" } ] }
)
```

4.1) verifing output

db.score.find({ name:'Deepak'})

```
| Js use ('student') c\Users\ABC\Downloads\mongodb\playground-2.mongodb\js | \bigsim | \cdots | \cdots
```