

MongoDB Queries: Design and Develop MongoDB Queries using CRUD operations.

Create collection “student” and make entry of 5 or more students

1. select all documents from the collection "student" which satisfying the following condition -

- a. gender of student is male and
- b. class of the student is TE A and
- c. grd_point of the student is greater than equal to 31 with comparison operator.

Create collection(“student”);

```
Db.student.insertmany([  
  
])
```

```
Db.student.find({grade:{$gte:"31"}})
```

2. select such a documents from the collection "student" who belongs to “Bangalore” and whose age is 19.

```
Db.student.find({$and:[{city:"Bangalore"},{age:"19"}]}))
```

3. Update course to “MCA” from collection “student” whose first name is “ Bhakti”

```
Db.student.update({fname:bhakti},{ $set:{couser:"mca"}})
```

4. Delete the document from collection student where age is “18” and gender is “ male”.

```
Db.student.delete({$and:[ {age:"18"},{gender:"male"}]}))
```

5. Delete the document from collection student where last name is Jadhav and belongs to class TE B

```
Db.student.delete({$and:[ {lname:"jadhav"},{class:"TE B"}]}))
```

1. Create a collection "student" and insert 5 or more students:

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```
db.student.insertMany([  
  
  {fname: "Bhakti", lname: "Jadhav", age: 19, gender: "female", city: "Pune", class: "TE B",  
    grd_point: 35, course: "BSc"},  
  
  {fname: "Raj", lname: "Sharma", age: 20, gender: "male", city: "Bangalore", class: "TE A",  
    grd_point: 32, course: "BE"},
```

```
{fname: "Amit", lname: "Patil", age: 21, gender: "male", city: "Mumbai", class: "TE A", grd_point: 30, course: "BTech"},
```

```
{fname: "Sneha", lname: "Desai", age: 19, gender: "female", city: "Bangalore", class: "TE C",  
grd_point: 28, course: "BCom"},
```

```
{fname: "Ravi", lname: "Jadhav", age: 18, gender: "male", city: "Pune", class: "TE B", grd_point: 29, course: "BSc"}
```

```
])
```

2. Select all documents from the collection "student" where:

- Gender is male.
- Class is TE A.
- Grade point is greater than or equal to 31.

javascript

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```
db.student.find({  
  $and: [  
    {gender: "male"},  
    {class: "TE A"},  
    {grd_point: {$gte: 31}}  
  ]  
})
```

3. Select documents where the student belongs to "Bangalore" and is 19 years old:

javascript

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```
db.student.find({  
  $and: [  
    {city: "Bangalore"},  
    {age: 19}  
  ]  
})
```

4. Update the course to "MCA" for the student whose first name is "Bhakti":

javascript

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```
db.student.updateOne(  
  {fname: "Bhakti"},  
  {$set: {course: "MCA"}}  
)
```

5. **Delete the document where the age is "18" and gender is "male":**

javascript

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```
db.student.deleteOne({  
  $and: [  
    {age: 18},  
    {gender: "male"}  
  ]  
})
```

6. **Delete the document where the last name is "Jadhav" and class is "TE B":**

javascript

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```
db.student.deleteOne({  
  $and: [  
    {lname: "Jadhav"},  
    {class: "TE B"}  
  ]  
})
```

Ans =