

CAMPUS: VIT AP

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MERN-ASSESSMENT(18TH JUNE 2025)

1. How do you insert a single document into a MongoDB collection?

```
use school;
```

```
db.students.insertOne({  
  name: "Alice",  
  age: 21,  
  grade: "A"  
});
```

2. How do you insert multiple documents at once?

```
db.students.insertMany([  
  { name: "Bob", age: 22, grade: "B" },  
  { name: "Charlie", age: 20, grade: "C" },  
  { name: "David", age: 23, grade: "B" }  
]);
```

3. How do you find all documents in a collection?

```
db.students.find();
```

4. How do you find documents where a field equals a specific value?

Example: Find students whose grade is "B"

```
db.students.find({ grade: "B" });
```

5. How do you find documents where a numeric field is greater than a value?

Example: Find students older than 21

```
db.students.find({ age: { $gt: 21 } });
```

6. How do you find documents where a numeric field is less than a value?

Example: Find students younger than 22

```
db.students.find({ age: { $lt: 22 } });
```

7. How do you find documents with multiple conditions (AND)?

Example: Find students with grade "B" and age > 21

```
db.students.find({ grade: "B", age: { $gt: 21 } });
```