

CRUD OPERATIONS WITH MONGOOSE



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What Is Mongoose?

Mongoose Is An ODM (Object Data Modeling) Library For MongoDB And Node.js, Which Helps In Interacting With MongoDB Through JavaScript By Providing A Simple Schema-Based Solution.



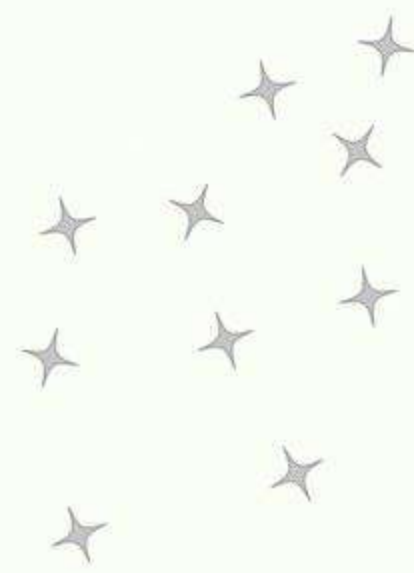
Creating A Record (Create Operation)

To Create A New Document In MongoDB Using Mongoose, You Can Use The `save()` Method Or `create()` Method.

```
const User = new UserModel({  
  name: "John",  
  email: "john@example.com",  
});  
  
User.save();
```

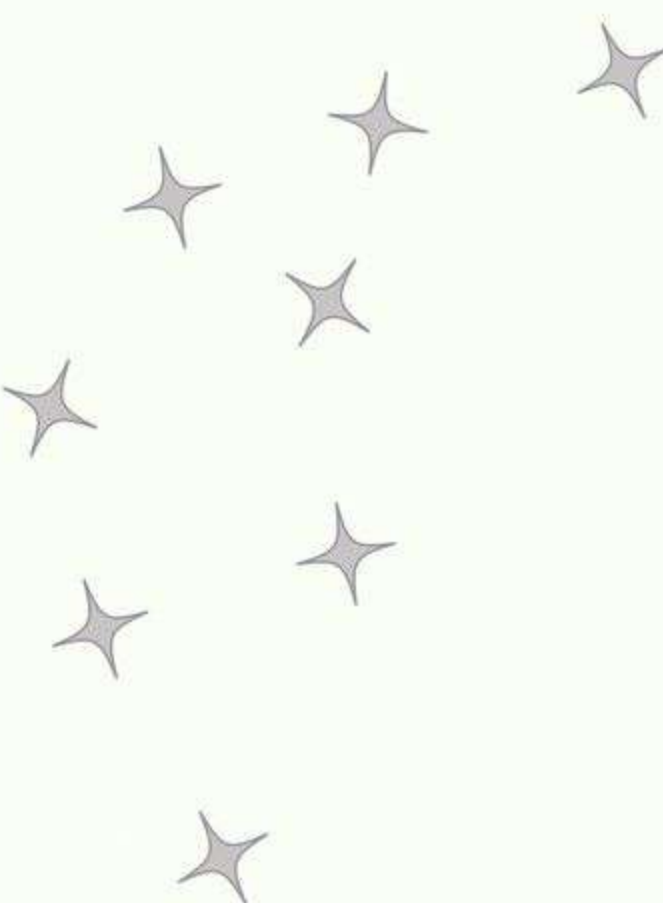
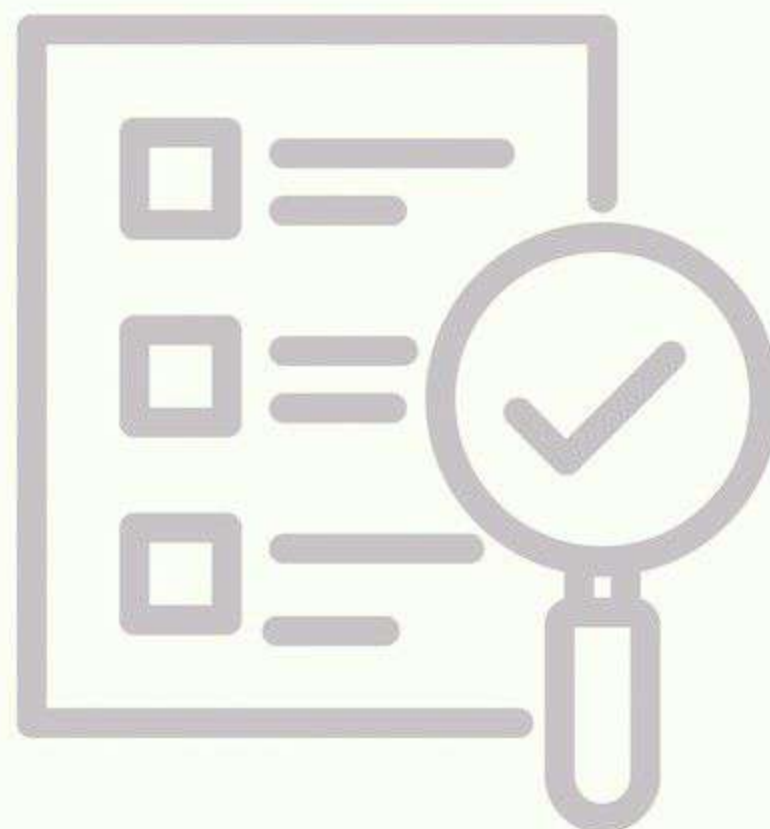


Reading Data (Read Operation)



You Can Use The `find()`, `findOne()`, Or `findById()` Methods To Read Data From MongoDB.

```
UserModel.find({ name: "John" })  
  .then(users => console.log(users));
```



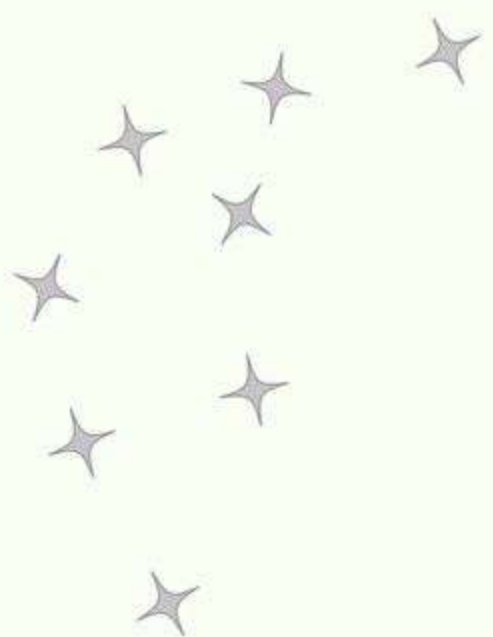
Updating A Record (Update Operation)



To Update A Document, You Can Use Methods Like `updateOne()`, `updateMany()`, Or `findByIdAndUpdate()`.



```
UserModel.updateOne({ name: "John" },  
  { email: "john_new@example.com" });
```



Deleting A Record (Delete Operation)

You Can Use The `deleteOne()` Or `findByIdAndDelete()` Method To Delete A Document From The Database.

```
UserModel.deleteOne({ name: "John" });
```



Mongoose Query Helpers

Mongoose Also Provides Query Helpers Like `limit()`, `skip()`, And `sort()` To Modify Queries.

```
UserModel.find().limit(10).sort({ name: 1 });
```

