Database Requirements:

- Create a database named ToDoDB.
 - Use ToDoDb
- Design a collection named tasks. db.createCollection('tasks')
- Each task should have information like title, description, status (e.g., "Pending," "Completed"), and due date.

CRUD Operations:

Create Operation:

 Insert at least 5 tasks with various titles, descriptions, statuses, and due dates.

```
db.tasks.insertMany([
 title: "Finish Report",
  description: "Write a detailed report on the quarterly financial
performance.",
 status: "Pending",
 dueDate: ISODate("2024-03-15")
 },
  title: "Prepare Presentation",
  description: "Create a PowerPoint presentation for the
upcoming meeting.",
  status: "Completed",
  dueDate: ISODate("2024-03-20")
 },
  title: "Review Code",
  description: "Review and provide feedback on the latest code
changes.",
  status: "Pending",
  dueDate: ISODate("2024-03-10")
 },
 {
  title: "Client Meeting",
```

```
description: "Schedule and prepare for the client meeting.",
  status: "Pending",
  dueDate: ISODate("2024-03-25")
},
{
  title: "Project Kickoff",
  description: "Plan and organize the project kickoff event.",
  status: "Pending",
  dueDate: ISODate("2024-03-05")
}
]);
```

Read Operation:

 Retrieve and display all tasks in the database. db.tasks.find()

• Display the details of a specific task by searching with its title or status.

```
db.tasks.find({title: 'Project Kickoff'})
db.tasks.find({status : 'Pending'})
```

• List all tasks that are pending or completed.

```
db.tasks.find({ $or : [ { status : { $eq : 'Pending'}},
{status : {$eq : 'Completed'}}]})
```

• List of all task which is still pending after due date.

Update Operation:

 Update the status of a specific task (e.g., from "Pending" to "Completed").

```
db.tasks.updateOne({title: 'Finish Report'},
{$set : { status : 'Completed'}})
```

Update the due date of a task.

 Update all pending task which due date is less than 2 days from today db.tasks.updateMany ({ dueDate :

```
{ $lt : (newDate().getDate()+2)}},
{ $set : { dueDate : ISODate("2024-03-24")}})
```

Delete Operation:

- Remove a task by its title or status.
 db.tasks.deleteOne({title : 'Project Kickoff'})
- Delete all completed tasks.
 db.tasks.deleteMany({status : 'Completed'})