

Connect to MongoDB

connect.js

```
const {MongoClient} = require('mongodb');

const MONGO_URL = 'mongodb://localhost:27017';
const DB_NAME = 'tododb';

// ASYNC IIFE
(async () => {

  const client = await MongoClient.connect(MONGO_URL)

  const tododb = client.db(DB_NAME)

  console.log(tododb)

})();
```

Write Data -

write.js

```
const {MongoClient} = require('mongodb');

const MONGO_URL = 'mongodb://localhost:27017';
```

```
const DB_NAME = 'tododb';
```

```
async function writeTask() {
```

```
  const client = await MongoClient.connect(MONGO_URL)
```

```
  const tododb = client.db(DB_NAME)
```

```
  const todos = tododb.collection('todos')
```

```
  const todo = {
```

```
    task: 'an important task',
```

```
    priority: 2,
```

```
    owner: 'manager'
```

```
  }
```

```
  const result = await todos.insertOne(todo)
```

```
  console.log(result)
```

```
}
```

```
async function writeTasks() {
```

```
  const client = await MongoClient.connect(MONGO_URL)
```

```
  const tododb = client.db(DB_NAME)
```

```
  const todos = tododb.collection('todos')
```

```
  const result = await todos.insertMany([
```

```
    {task: 'a task for anyone', priority: 4},
```

```
    {task: 'something anyone can do', priority: 1},
```

```
    {task: 'someone should finish this', priority: 2},
```

```
    {task: 'tasks for incentive', priority: 2}
  ])
  console.log(result)
}

writeTasks()
```

Read Data -

read.js

```
const {MongoClient} = require('mongodb');

const MONGO_URL = 'mongodb://localhost:27017';
const DB_NAME = 'tododb';

async function readTasks() {
  const client = await MongoClient.connect(MONGO_URL)
  const tododb = client.db(DB_NAME)

  const todos = tododb.collection('todos')

  const todoArr = await todos.find({priority: {$exists: true}}).sort({priority: -1}).toArray()

  todoArr.forEach((todo) => console.log(JSON.stringify(todo)))
}
```

```
}
```

```
readTasks()
```