

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()

```