











# Pagination



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




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JS index.js x


13. Pagination > mongo-demo > JS index.js > getCourses > courses

```
1  const mongoose = require('mongoose');
2
3  mongoose.connect('mongodb://localhost/playground')
4    .then(() => console.log('Connected to MongoDB...'))
5    .catch(err => console.error('Could not connect to MongoDB...', err));
6
7  const courseSchema = new mongoose.Schema({
8    name: String,
9    author: String,
10   tags: [String],
11   date: { type: Date, default: Date.now },
12   isPublished: Boolean
13 });
14
15 const Course = mongoose.model('Course', courseSchema);
16
17 async function createCourse() {
18
19   const nodeCourse = new Course({
20     name: 'Node.js Course',
21     author: 'Ankit',
22     tags: ['node', 'backend'],
23     isPublished: true
24   });
25   const nodeResult = await nodeCourse.save();
26   console.log(nodeResult);
27
28   const angularCourse = new Course({
29     name: 'Angular Course',
30     author: 'Ankit',
31     tags: ['angular', 'frontend'],
32     isPublished: true
33   });
34   const angularResult = await angularCourse.save();
35   console.log(angularResult);
36 }
37
38 //createCourse();
39
40 async function getCourses() {
41   const pageNumber = 2;
42   const pageSize = 10;
43   // /api/courses?pageNumber=2&pageSize=10
44
45   const courses = await Course
46     .find({ author: 'Ankit', isPublished: true }) // Filtering condition
47     .skip((pageNumber - 1) * pageSize) // For pagination
48     .limit(pageSize) // Limit to pageSize no of items
49     .sort({ name: 1 }) // Sorting ascending(1) or descending(-1)
50     .select({ name: 1, tags: 1});
51   console.log(courses);
52 }
53
54 getCourses();
```





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 0 0 0 3 javascript | index.js