

File Edit Selection View Go Run Terminal Help job-portal-client-for-recruiter-part3

AuthProvider.jsx MyApplications.jsx useAuth.jsx useJobs.jsx U useAxiosSecure.jsx U

src > hooks > useAxiosSecure.jsx > axiosInstance > baseURL

```
1 import axios from 'axios';
2 import React from 'react';
3
4
5 const axiosInstance = {
6   baseURL: 'http://localhost:5000',
7   withCredentials: true
8 };
9
10 const useAxiosSecure = () => {
11   return axiosInstance;
12 };
13
14 export default useAxiosSecure;
```

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Ln 6, Col 36 Spac TF-8



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AuthProvider.jsx MyApplications.jsx ● useAuth.jsx useJobs.jsx U useAxiosSecure.jsx U

src > pages > MyApplications > MyApplications.jsx > MyApplications > useEffect() callback

```
6 const MyApplications = () => {
12     useEffect(() => {
16         // .then(res => res.json())
17         // .then(data => setJobs(data))
18
19         // axios.get(`http://localhost:5000/job-application?email=${user.email}`)
20         `,
21         // withCredentials: true
22     })
23         // .then(res => setJobs(res.data))
24
25         axiosSecure.get(`/job-application?email=${user.email}`)
26             .then(res => setJobs(res.data));
27
28     }, [user.email])
29
30     return (

```

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Blank page JobBox - Job Portal Res ProgrammingHero1/job localhost:5000/jobs Job Portal auth0/node-jsonwebtoken The Axios Instance | Axios Built-in React DOM Host

localhost:5173/myApplications

Job Portal

Home My Applications Add A Job My Posted Jobs Sign out

My Applications: 3

Name	Job	Favorite Color
 DevOps Engineer Baridhara, Dhaka	Zemlak, Daniel and Leannon Desktop Support Technician	Purple X
 DevOps Engineer Baridhara, Dhaka	Zemlak, Daniel and Leannon Desktop Support Technician	Purple X
 Project Manager Mirpur, Dhaka	Zemlak, Daniel and Leannon Desktop Support Technician	Purple X


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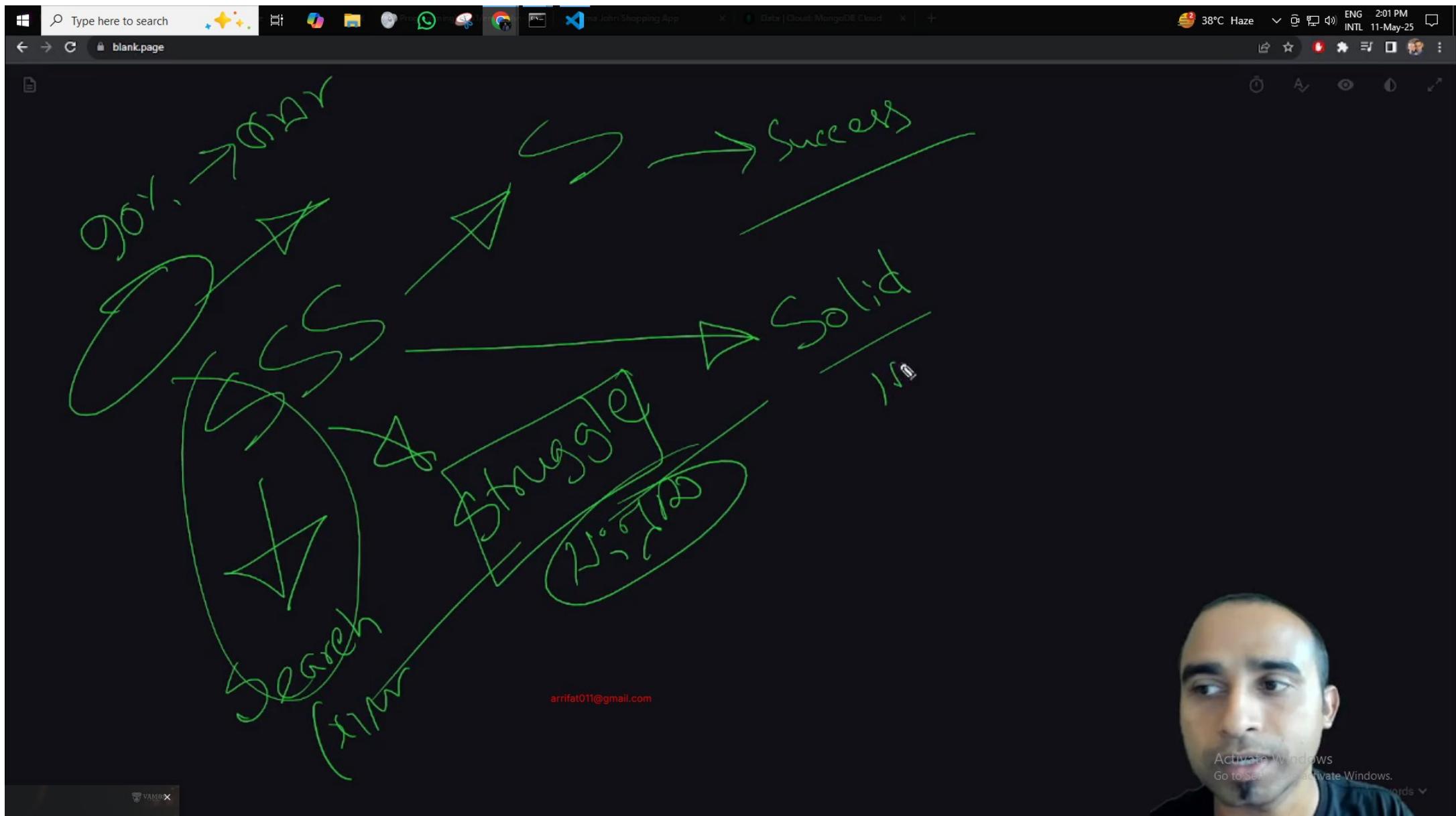
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Shop Orders Inventory Login

Console Elements Sources Application Network >

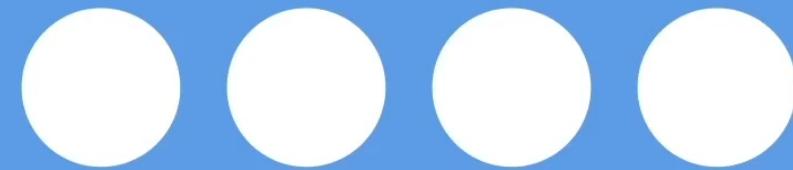
top Filter All levels No Issues

```
> Array(5).keys()
< ▶ Array Iterator {}
> ...Array(5).keys()
✖ Uncaught SyntaxError: Unexpected token '...'
VM712:1
> [...Array(5).keys()]
< ▶ (5) [0, 1, 2, 3, 4]
> [...Array(10).keys()]
< ▶ (10) [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
>
```

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Pagination

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**“What is Pagination?
How does it work?”**

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Pagination



- ✓ Also known as paging
- ✓ A sequence of pages with connected content
- ✓ A process of dividing a large interconnected dataset in different pages (web pages)

The most familiar pagination for you

Desktop



Mobile



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How pagination works using rel=next/prev



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How pagination works using rel=next/prev



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How pagination works using rel=next/prev



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Different styles of pagination

Simple CSS pagination

« 1 2 3 4 5 6 7 »

Active and Hoverable Pagination

« 1 2 3 4 5 6 7 »

Bordered Pagination

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« 1 2 3 4 5 6 7 »

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Space Between Pagination



Rounded Border Pagination



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Space Between Pagination



Rounded Border Pagination



Rounded Active and Hoverable Buttons



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Uses of pagination -

- Pagination is used when a list of articles spans across multiple pages.
- Long articles use pagination to

break the article into a multi-page series.

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Necessity -

- Reduces the weight of the page.
- Good User experience.



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“LET’S EXPLORE PAGINATION OF EMA-JOHN”

Code snippet

```
const count = data.count;  
const pages = Math.ceil(count/10);
```

=>

Explanation	
(For 10 pages)	8
const count = 76;	const count = 76;
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const pages = Math.ceil(76/10);		const pages = Math.ceil(76/5);
(For 10 pages)	16	(For 10 pages)
const count = 76;		const count = 76;
const pages = Math.ceil(76/15);		

0 1 2 3 4 5 6 7 10 ✓

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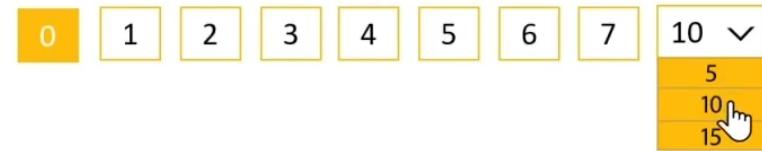
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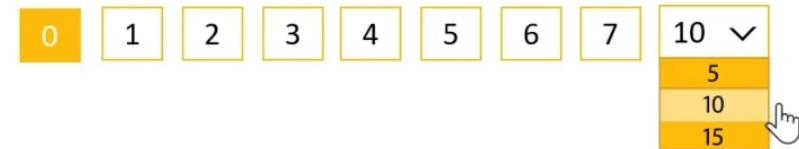
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1-10 of 76

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1-10 of 76 products

=> query { page : '0', size: '10' }

0 1 2 3 4 5 6 7 10 ✓

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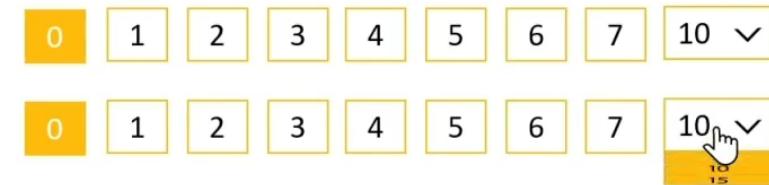
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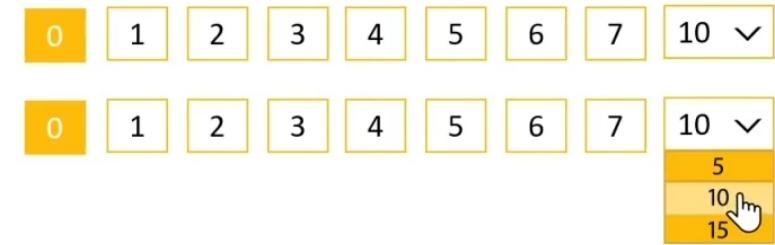
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1-10 of 76 products => query { page : '0', size: '10' }

0 1 2 3 4 5 6 7 10 ✓

41-50 of 76 products => query { page : '4', size: '10' }

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1-10 of 76 products => query { page : '0', size: '10' }

0 1 2 3 4 5 6 7 10 <input type="button" value="▼" style="border: none; background-color: transparent; font-size: 1em; border-bottom: 1px solid black; padding: 0 5px;"/>

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1-10 of 76 products

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0 1 2 3 4 5 6 7 10 ↴ ✓

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51-60 of 76 products =>

0 1 2 3 4 5 6 7 10 ✓

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=>

(For 10 pages) 8 (For 10 pages) 16 (For 10 pages) 6
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3



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3:



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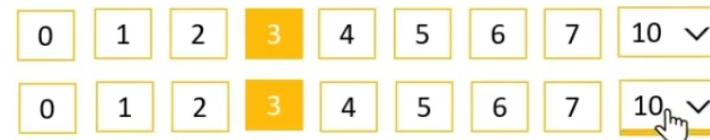
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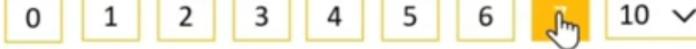
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71-76 of 76 products 

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const count = 76;		const count = 76;		const count = 76;	
const pages = Math.ceil(76/10);		const pages = Math.ceil(76/5);		const pages = Math.ceil(76/15);	

1-10 of 76 products => query { page : '0', size: '10' }

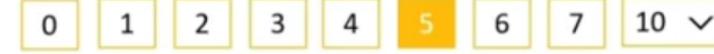


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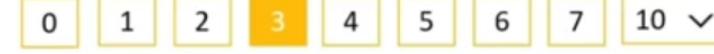
41-50 of 76 products => query { page : '4', size: '10' }



51-60 of 76 products => query { page : '5', size: '10' }



31-40 of 76 products => query { page : '3', size: '10' }



71-76 of 76 products => query { page : '7', size: '10' }



2:



"LET'S EXPLORE PAGINATION OF EMA-JOHN"

Code snippet

```
const count = data.count;  
const pages = Math.ceil(count/10);
```

=>

(For 10 pages)

```
const count = 76;  
const pages = Math.ceil(76/10);
```

8

(For 10 pages)
const count = 76;
const pages = Math.ceil(76/5);

16

(For 10 pages)
const count = 76;
const pages = Math.ceil(76/15);

6

1-10 of 76 products => query { page : '0', size: '10' }



41-50 of 76 products => query { page : '4', size: '10' }



51-60 of 76 products => query { page : '5', size: '10' }



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71-76 of 76 products => query { page : '7', size: '10' }



21-30 of 76 products



"LET'S EXPLORE PAGINATION OF EMA-JOHN"

Code snippet

```
const count = data.count;  
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=>

(For 10 pages)

```
const count = 76;
```

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(For 10 pages)

```
const count = 76;
```

16

(For 10 pages)

```
const count = 76;
```

6

```
const pages = Math.ceil(76/15);
```

Explanation

1-10 of 76 products => query { page : '0', size: '10' }



41-50 of 76 products => query { page : '4', size: '10' }



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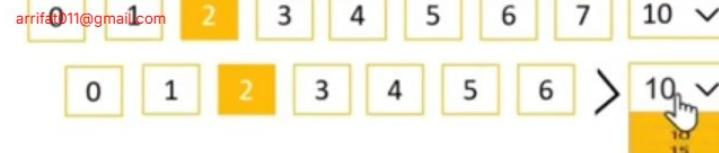
31-40 of 76 products => query { page : '3', size: '10' }



71-76 of 76 products => query { page : '7', size: '10' }



21-30 of 76 products => query { page : '2', size: '10' }



2

"LET'S EXPLORE PAGINATION OF EMA-JOHN"

Code snippet

```
const count = data.count;  
const pages = Math.ceil(count/10);
```

=>

(For 10 pages)

```
const count = 76;
```

8

(For 10 pages)

```
const count = 76;
```

16

(For 10 pages)

```
const count = 76;
```

6

```
const pages = Math.ceil(76/15);
```

Explanation

1-10 of 76 products => query { page : '0', size: '10' }



41-50 of 76 products => query { page : '4', size: '10' }



51-60 of 76 products => query { page : '5', size: '10' }



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71-76 of 76 products => query { page : '7', size: '10' }



21-30 of 76 products => query { page : '2', size: '10' }

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21-25



"LET'S EXPLORE PAGINATION OF EMA-JOHN"

Code snippet

```
const count = data.count;  
const pages = Math.ceil(count/10);
```

=>

(For 10 pages)

```
const count = 76;
```

8

(For 10 pages)

```
const count = 76;
```

16

(For 10 pages)

```
const count = 76;
```

6

```
const pages = Math.ceil(76/15);
```

Explanation

1-10 of 76 products => query { page : '0', size: '10' }



41-50 of 76 products => query { page : '4', size: '10' }



51-60 of 76 products => query { page : '5', size: '10' }



31-40 of 76 products => query { page : '3', size: '10' }



71-76 of 76 products => query { page : '7', size: '10' }



21-30 of 76 products => query { page : '2', size: '10' }



21-25 of 76 products => query { page : '4', size: '5' }



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"LET'S EXPLORE PAGINATION OF EMA-JOHN"

Code snippet

```
const count = data.count;      => (For 10 pages) 8 (For 10 pages) 16 (For 10 pages) 6  
const pages = Math.ceil(count/10); const count = 76; const count = 76; const count = 76;  
                                const pages = Math.ceil(76/10); const pages = Math.ceil(76/5); const pages = Math.ceil(76/15);
```

Explanation

1-10 of 76 products => query { page : '0', size: '10' } 

41-50 of 76 products => query { page : '4', size: '10' } 

51-60 of 76 products => query { page : '5', size: '10' } 

31-40 of 76 products => query { page : '3', size: '10' } 

71-76 of 76 products => query { page : '7', size: '10' } 

21-30 of 76 products => query { page : '2', size: '10' } 

21-25 of 76 products => query { page : '4', size: '5' } 

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"LET'S EXPLORE PAGINATION OF EMA-JOHN"

Code snippet

```
const count = data.count;  
const pages = Math.ceil(count/10);
```

=>

(For 10 pages)
const count = 76;
const pages = Math.ceil(76/10);

Explanation

(For 10 pages)
const count = 76;
const pages = Math.ceil(76/5);

(For 10 pages)
const count = 76;
const pages = Math.ceil(76/15);

1-10 of 76 products => query { page : '0', size: '10' }



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21-30 of 76 products => query { page : '2', size: '10' }



21-25 of 76 products => query { page : '4', size: '5' }



76-76 of 76 products => query { page : '5', size: '15' }



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"LET'S EXPLORE PAGINATION OF EMA-JOHN"

Code snippet

```
const count = data.count;  
const pages = Math.ceil(count/10);
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=>

(For 10 pages)
const count = 76;
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8 (For 10 pages)
const count = 76;
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const count = 76;
const pages = Math.ceil(76/15);

6

1-10 of 76 products => query { page : '0', size: '10' } 0 1 2 3 4 5 6 7 10 ✓

41-50 of 76 products => query { page : '4', size: '10' } 0 1 2 3 4 5 6 7 10 ✓

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71-76 of 76 products => query { page : '7', size: '10' } 0 1 2 3 4 5 6 7 10 ✓

21-30 of 76 products => query { page : '2', size: '10' } 0 1 2 3 4 5 6 7 10 ✓

21-25 of 76 products => query { page : '4', size: '5' } 0 1 2 3 4 5 6 > 5 ✓

76-76 of 76 products => query { page : '5', size: '15' } 0 1 2 3 4 5 15 ✓

“Steps to follow for pagination”

Step-1:

Getting total number of products from Database (Server side).

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```
app.get('/productCount', async(req, res) =>{
  const count = await productCollection.estimatedDocumentCount();
  res.send({count});
});
```

“Steps to follow for pagination”

Step-2:

Get page count (Client side)

```
const count = data.count;  
const pages = count/10;
```

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“Steps to follow for pagination”

Step-2:

Get page count (Client side)

```
const count = data.count;  
const pages = count/10;
```

const count = data.count;
const pages = Math.ceil(count/10);

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“Steps to follow for pagination”

Step-2:

Get page count (Client side)

```
const count = data.count;  
const pages = count/10;
```

```
const count = data.count;  
const pages = Math.ceil(count/10);
```

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“Steps to follow for pagination”

Step-3:

Create Pagination button (Client side)

`Array()` <= empty array

`pageCount=8`

`Array(8)` <= empty array with length 8

`[...Array(8)]` <= getting each of 8 empty elements

`[...Array(8).keys()]` <= getting index numbers of 76 elements

`[0,1,2,3,4,5,6,7]`

`[...Array(8).keys()].map()` <= make buttons inside map for 8 indices

`[...Array(8).keys()].map()(number => <button>{number}</button>)`

“Steps to follow for pagination”

Step-4:

Set page & size state (Client side)

```
[...Array(8).keys()]\n.map()\n(number => <button\n    className={page === number ? 'selected' : ''}\n    onClick={()=>setPage(number)}>\n    {number}\n</button>)\n\narrifat011@gmail.com
```

“Steps to follow for pagination”

Step-4:
Set page & size state (Client side)

```
[...Array(8).keys()]
.map()
(number => <button
  className={page === number ? 'selected' : ''}
  onClick={()=>setPage(number)}>
  {number}
</button>
```

```
const count = data.count;
const pages = Math.ceil(count/10);
```

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“Steps to follow for pagination”

Step-4:
Set page & size state (Client side)

```
[...Array(8).keys()]
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(number => <button
  className={page === number ? 'selected' : ''}
  onClick={()=>setPage(number)}>
  {number}
</button>
```

```
const count = data.count;
const pages = Math.ceil(count/10);
setPageCount(pages);
```

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“Steps to follow for pagination”

Step-4:

Set page & size state (Client side)

Fetching products according to query (page, size)

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~~fetch(`http://localhost:5000/product`)~~

“Steps to follow for pagination”

Step-4:

Set page & size state (Client side)

Fetching products according to query (page, size)

```
fetch(`http://localhost:5000/product`)
```

```
fetch(`http://localhost:5000/product?page=${page}&size=${size}`)
```

“Steps to follow for pagination”

Step-4:

Set page & size state (Client side)

Fetching products according to query (page, size)

~~fetch(`http://localhost:5000/product`)~~

fetch(`http://localhost:5000/product?page=\${page}&size=\${size}`)

“Steps to follow for pagination”

Step-5:

Getting page & size from req.query (Server side)

```
const page= req.query.page;  
const size= req.query.size;
```

“Steps to follow for pagination”

Step-5:

Getting page & size from req.query (Server side)

```
const page = req.query.page;  
const size = req.query.size;
```

```
const page = parseInt(req.query.page);  
const size = parseInt(req.query.size);
```

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“Steps to follow for pagination”

Step-5:

Getting page & size from req.query (Server side)

```
const page= req.query.page;  
const size= req.query.size;
```

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```
const page = parseInt(req.query.page);  
const size = parseInt(req.query.size);
```

“Steps to follow for pagination”

Step-6: Get products (Server side)

```
if(page || size){  
    products = await cursor.skip(page*size).limit(size).toArray();  
}  
else{  
    products = await cursor.toArray();  
}
```

Page 0 --> skip: **0** get: **0-10(10)**
Page 1 --> skip: **1*10** get: **11-20(10)**
Page 2 --> skip: **2*10** get: **21-30 (10)**
Page 3 --> skip: **3*10** get: **21-30 (10)**

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