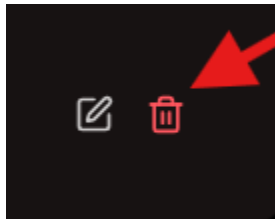
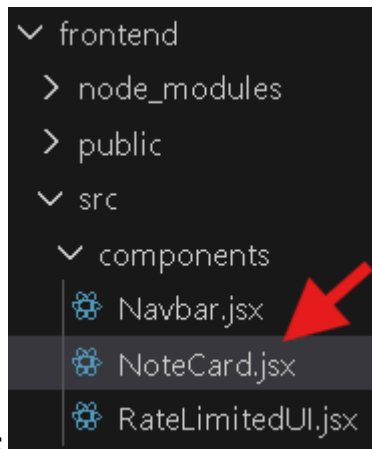


Add Delete functionality:



In NoteCard.jsx file:



```
age.jsx  HomePage.jsx  NoteCard.jsx  JS  axios.js
src > components > NoteCard.jsx > NoteCard
5  const NoteCard = ({note}) => {
6
    <Trash2Icon className="size-4" />
    </button>
```

Code in NoteCard.jsx:

```
import { PenSquareIcon, Trash2Icon } from "lucide-react";
import { Link } from "react-router";
import { formatDate } from "../lib/utlis";
```

```
const NoteCard = ({note}) => {
```

```
  const handleDelete = async(e, id) =>{
    // get rid of navigation behavior
    // When you click on trash icon, it will not navigate
    e.preventDefault()
  }
```

```
  return (
    <Link
      to={`/note/${note._id}`}
      className="card bg-base-100 hover:shadow-lg transition-all duration-200
      border-t-4 border-solid border-[#00FF9D]"
    >
```

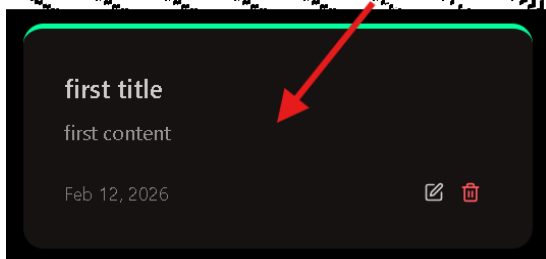
```

<div className="card-body">
  <h3 className="card-title text-base-content">{note.title}</h3>
  <p className="text-base-content/70 line-clamp-3">{note.content}</p>
  <div className="card-actions justify-between items-center mt-4">
    <span className="text-sm text-base-content/60">
      {/* {note.createdAt} */}
      {formatDate(new Date(note.createdAt))}
    </span>
    <div className="flex items-center gap-1">
      <PenSquareIcon className="size-4" />
      <button
        // trying to know which note is deleting by _id
        className="btn btn-ghost btn-xs text-error" onClick={(e) => handleDelete(e,
note._id)}>
        <Trash2Icon className="size-4" />
      </button>
    </div>
  </div>
</div>
</div>
</Link>
);
}

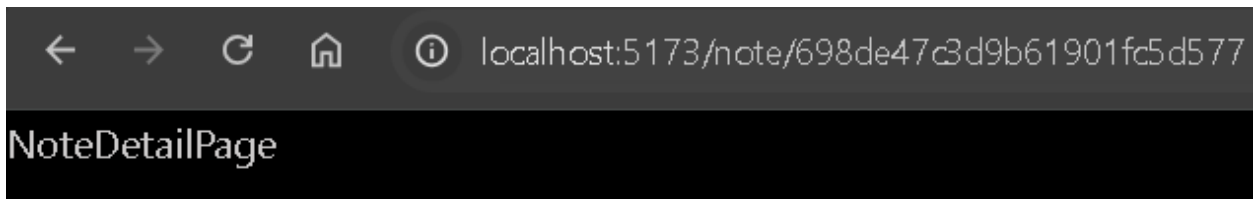
```

export default NoteCard

Then in browser:



Takes to the NoteDetail Page



When we click on Delete icon:



does not navigate to any page.

Code in NoteCard.jsx:

```
import { PenSquareIcon, Trash2Icon } from "lucide-react";
import { Link } from "react-router";
import { formatDate } from "../lib/utils";
import api from "../lib/axios"
import toast from "react-hot-toast"

const NoteCard = ({note}) => {

  const handleDelete = async(e, id) =>{
    // get rid of navigation behavior
    // When you click on trash icon, it will not navigate
    e.preventDefault()
    // If they say no to delete after confirm
    if(!window.confirm("Are You sure, You want to Delete then Note?")) return;

    try{
      await api.delete(`/notes/${id}`)
      toast.success("Note deleted successfully")
    }catch{
      console.log("Error in handleDelete", error)
      toast.error("Failed to Delete Note!")
    }
  }

  return (
    <Link
      to={`/${note._id}`}
      className="card bg-base-100 hover:shadow-lg transition-all duration-200
      border-t-4 border-solid border-[#00FF9D]"
    >
      <div className="card-body">
        <h3 className="card-title text-base-content">{note.title}</h3>
        <p className="text-base-content/70 line-clamp-3">{note.content}</p>
        <div className="card-actions justify-between items-center mt-4">
          <span className="text-sm text-base-content/60">
            {/* {note.createdAt} */}
            {formatDate(new Date(note.createdAt))}
          </span>
          <div className="flex items-center gap-1">
            <PenSquareIcon className="size-4" />
            <button
              // trying to know which note is deleting by _id
            >
```

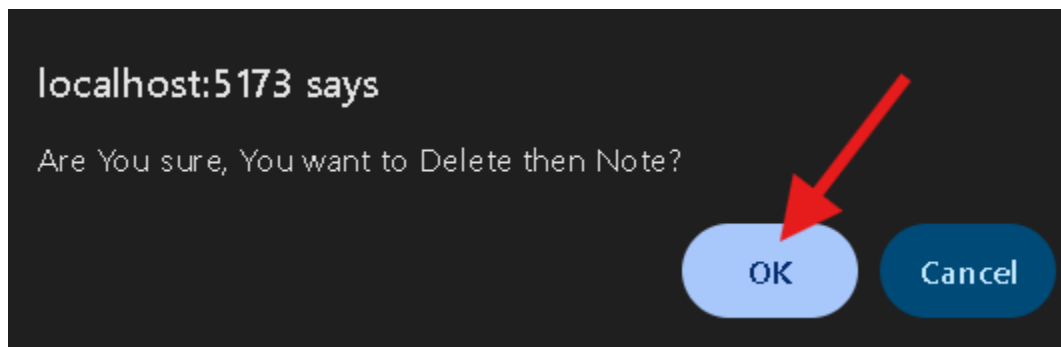
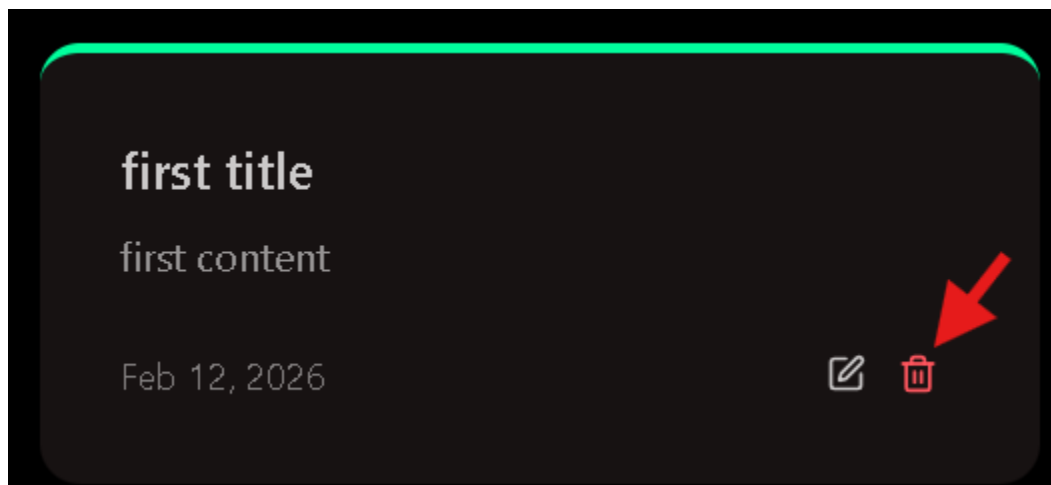
```

        className="btn btn-ghost btn-xs text-error" onClick={(e) => handleDelete(e,
note._id)}>
        <Trash2Icon className="size-4" />
      </button>
    </div>
  </div>
</div>
</Link>
);
}

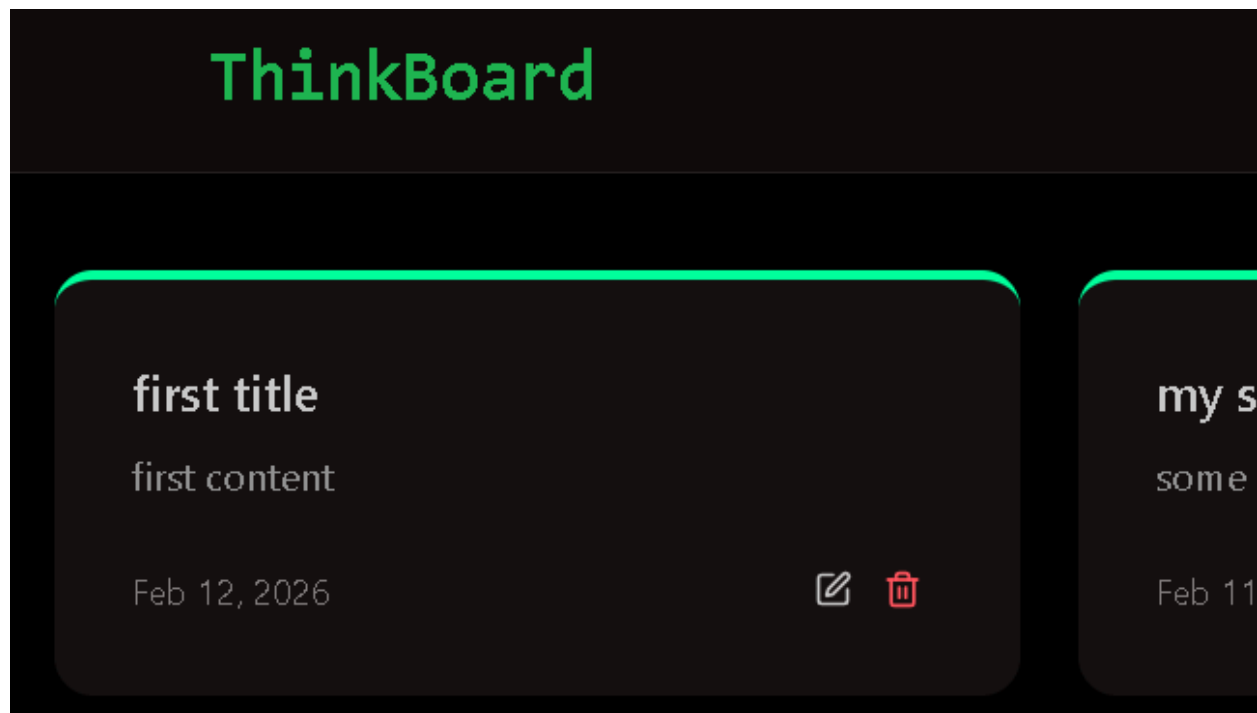
```

export default NoteCard

In browser:



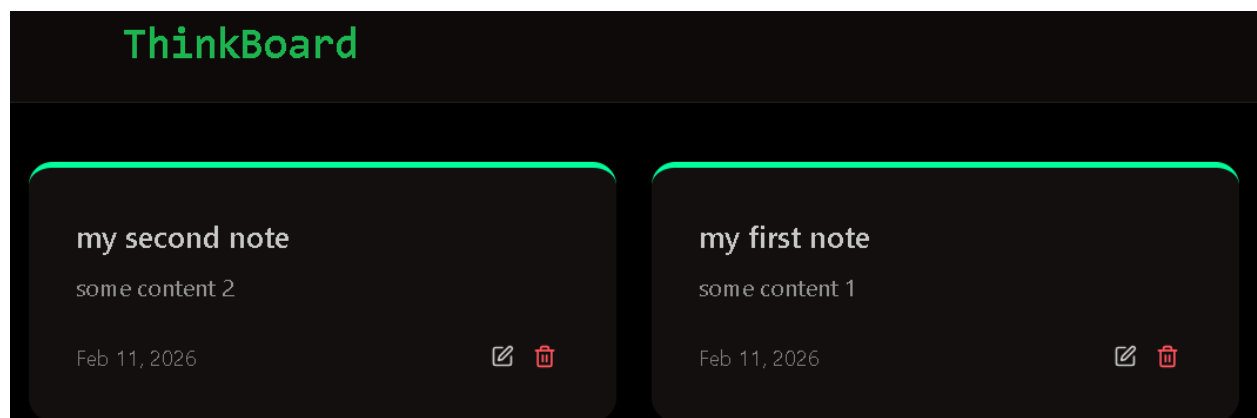
Before refresh:



Refresh the browser:



After refresh: its removed



But we want to remove the UI, without refreshing it.

In database:

Cluster0 > notes_db > notes

Documents 2

Aggregations

Schema

Indexes

Type a query: { field: 'value' } or [General](#)

+ ADD DATA

UPDATE

DELETE

EXPORT

```
_id: ObjectId('698c0ab3f540242a5abb0379')
title: "my first note"
content: "some content 1"
createdAt: 2026-02-11T04:50:59.240+00:00
updatedAt: 2026-02-11T04:50:59.240+00:00
__v: 0
```

```
_id: ObjectId('698c0c048123dba253ad879c')
title: "my second note"
content: "some content 2"
createdAt: 2026-02-11T04:56:36.167+00:00
updatedAt: 2026-02-11T04:56:36.167+00:00
__v: 0
```

We have NoteCard component:

```
const NoteCard = ({note}) => {  
  
  const handleDelete = async(e, id)  
  // get rid of navigation behavior
```

Which is under the HomePage:

```
HomePage.jsx X NoteCard.jsx JS axios.js
pages > HomePage.jsx > ...
const HomePage = () => {
  // fetching the notes
  const [notes, setNotes] = useState([])
  // to keep track of loading state, set to true, soon
  // as we load the page, we need to fetch the notes
  const [loading, setLoading] = useState(true)
  // To able to fetch that
```

All of our notes are store in this state. Once its deleted we want to update and filter it out.

In HomePage.jsx:

```
HomePage.jsx X NoteCard.jsx JS axios.js
pages > HomePage.jsx > [x] HomePage > [x] notes.map() callback
= () => {
  // className= grid grid-cols-1 md:grid-cols-2 lg:grid-cols-3 g
  [notes.map(note => (
    <NoteCard key={note._id} note={note} setNotes={setNotes} />
  )
```

In NoteCard.jsx:

```
HomePage.jsx X NoteCard.jsx X JS axios.js
components > NoteCard.jsx > [x] NoteCard > [x] setNotes
const NoteCard = ({note, setNotes}) => {
```

Code in HomePage.jsx:

```
import { useEffect } from 'react'
import { useState } from 'react';
import Navbar from '../components/Navbar'
import RateLimitedUI from '../components/RateLimitedUI';
import toast from "react-hot-toast";
import NoteCard from "../components/NoteCard"
import api from "../lib/axios"
```

```
const HomePage = () => {
  const [isRateLimited, setIsRateLimited] = useState(false);
  // fetching the notes
  const [notes, setNotes] = useState([])
  // to keep track of loading state, set to true, soon
  // as we load the page, we need to fetch the notes
  const [loading, setLoading] = useState(true)
  // To able to fetch that
```

```

useEffect(() => {
  const fetchNotes = async () => {
    try {
      // For get method
      // const res = await axios.get("http://localhost:5001/api/notes")
      // For post method
      // const res = await axios.post("http://localhost:5001/api/notes")
      const res = await api.get("/notes")
      // const data = await res.json()
      // Which is lot more comfortable then fetch API
      console.log(res.data)// instead of console logging the data
      // We want to update the notes state
      setNotes(res.data)
      // If we can get the data, ratelimited to false
      setIsRateLimited(false)
    } catch (erro) {
      console.log("Error fetching notes")
      console.log(erro.response)
      // We want to check for the state in:
      // const [isRateLimited, setIsRateLimited] = useState(false);
      // 429 for rateLimited
      if(erro.response?.status === 429){
        setIsRateLimited(true)
      }else{
        toast.error("Failed to load Notes")
      }
    } finally{
      setLoading(false)
    }
  }
}

fetchNotes()
}, [])
return (
  // min-h-screen = minimum height will be screen
  // takes entire screen
  <div className="min-h-screen">
    {/* First it will have navbar component */}
    <Navbar />
    {isRateLimited && <RateLimitedUI />}

    <div className="max-w-7xl mx-auto p-4 mt-6">
      {loading && <div className="text-center text-primary py-10">Loading notes...</div>}
      {notes.length > 0 && !isRateLimited && (

```



```

        <div className="grid grid-cols-1 md:grid-cols-2 lg:grid-cols-3 gap-6">
          {notes.map(note => (
            <NoteCard key={note._id} note={note} setNotes={setNotes} />
          ))}
        </div>
      )}
    </div>
  </div>
);
};

```

```
export default HomePage;
```

Code in NoteCard.jsx:

```

import { PenSquareIcon, Trash2Icon } from "lucide-react";
import { Link } from "react-router";
import { formatDate } from "../lib/utlis";
import api from "../lib/axios"
import toast from "react-hot-toast"

```

```
const NoteCard = ({note, setNotes}) => {
```

```

  const handleDelete = async(e, id) =>{
    // get rid of navigation behavior
    // When you click on trash icon, it will not navigate
    e.preventDefault()
    // If they say no to delete after confirm
    if(!window.confirm("Are You sure, You want to Delete then Note?")) return;

```

```

    try{
      await api.delete(`/notes/${id}`)
      // removing note that deleted without refresh
      // keeping notes that not same as deleted note id
      setNotes((prev) => prev.filter((note) => note._id !== id))
      toast.success("Note deleted successfully")
    }catch{
      console.log("Error in handleDelete", error)
      toast.error("Failed to Delete Note!")
    }
  }
}

```

```

return (
  <Link

```

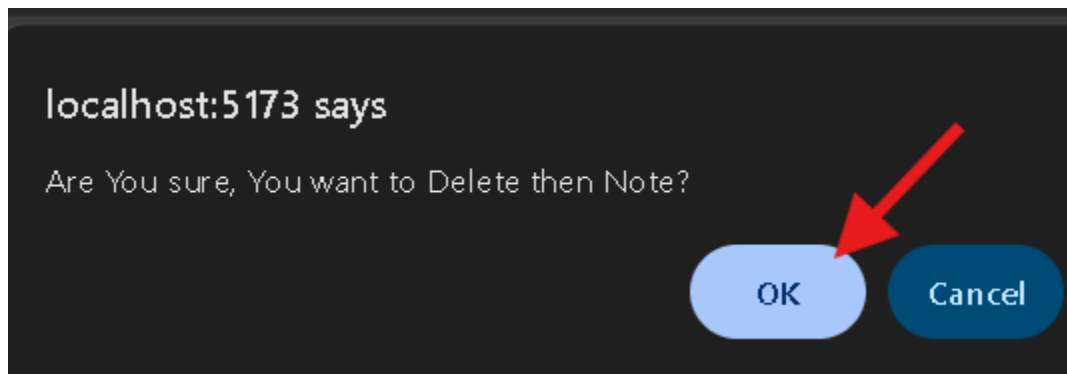
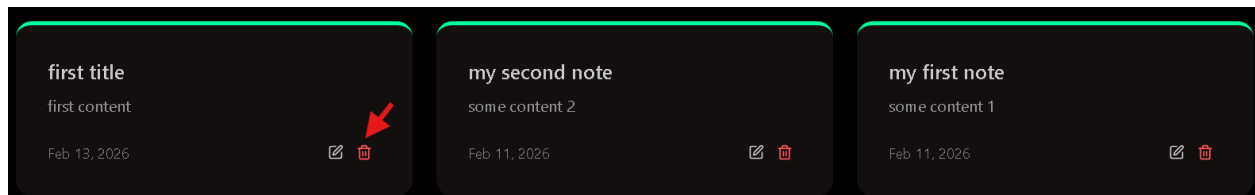
```

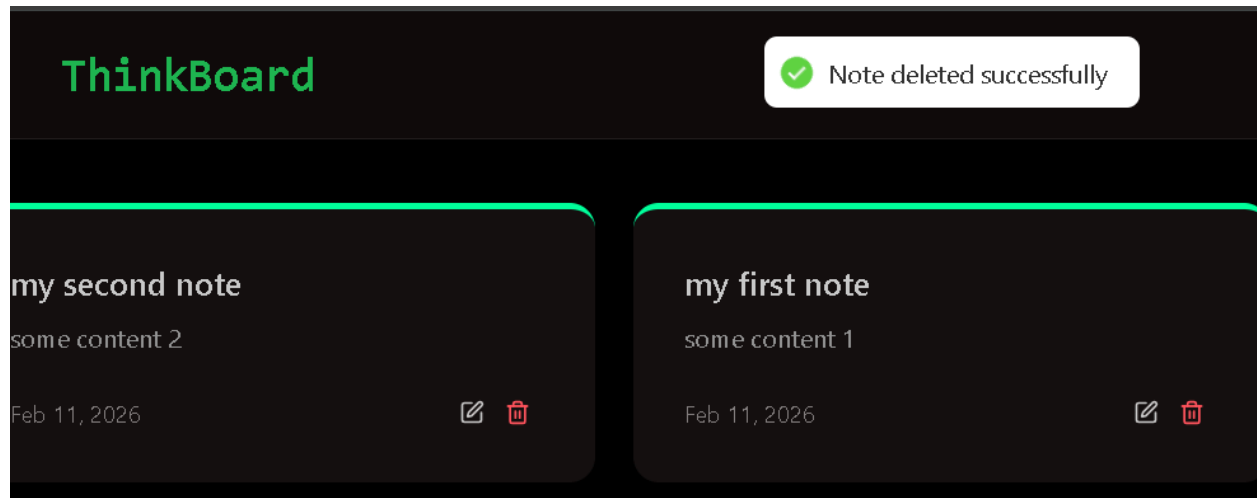
to={` /note/${note._id}`}
className="card bg-base-100 hover:shadow-lg transition-all duration-200
border-t-4 border-solid border-[#00FF9D]"
>
<div className="card-body">
  <h3 className="card-title text-base-content">{note.title}</h3>
  <p className="text-base-content/70 line-clamp-3">{note.content}</p>
  <div className="card-actions justify-between items-center mt-4">
    <span className="text-sm text-base-content/60">
      {/* {note.createdAt} */}
      {formatDate(new Date(note.createdAt))}
    </span>
    <div className="flex items-center gap-1">
      <PenSquareIcon className="size-4" />
      <button
        // trying to know which note is deleting by _id
        className="btn btn-ghost btn-xs text-error" onClick={(e) => handleDelete(e,
note._id)}>
        <Trash2Icon className="size-4" />
      </button>
    </div>
  </div>
</div>
</div>
</Link>
);
}

```

export default NoteCard

In browser:



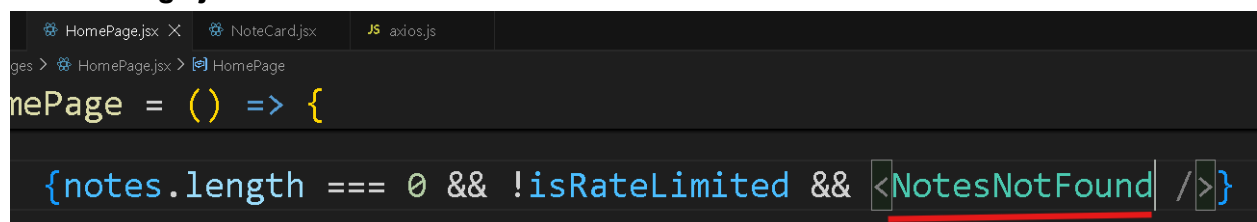


Removed the Note Card ui without refresh.

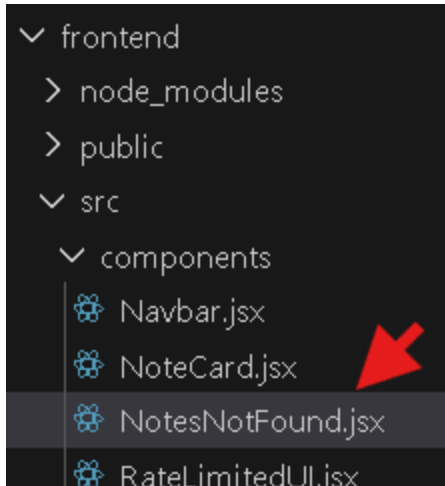
It's not good to have empty space or blank:



In HomePage.jsx:



Let's create NotesNotFound component,



type **rafce** in NotesNotFound.jsx and then **click enter**.

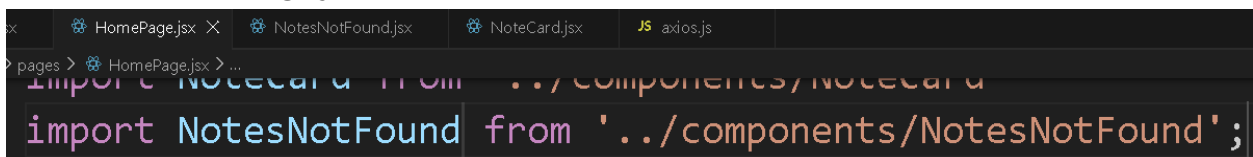
Then code within it:

```
import React from 'react'
```

```
const NotesNotFound = () => {  
  return (  
    <div>  
  
    </div>  
  )  
}
```

```
export default NotesNotFound
```

Import it in HomePage.jsx:



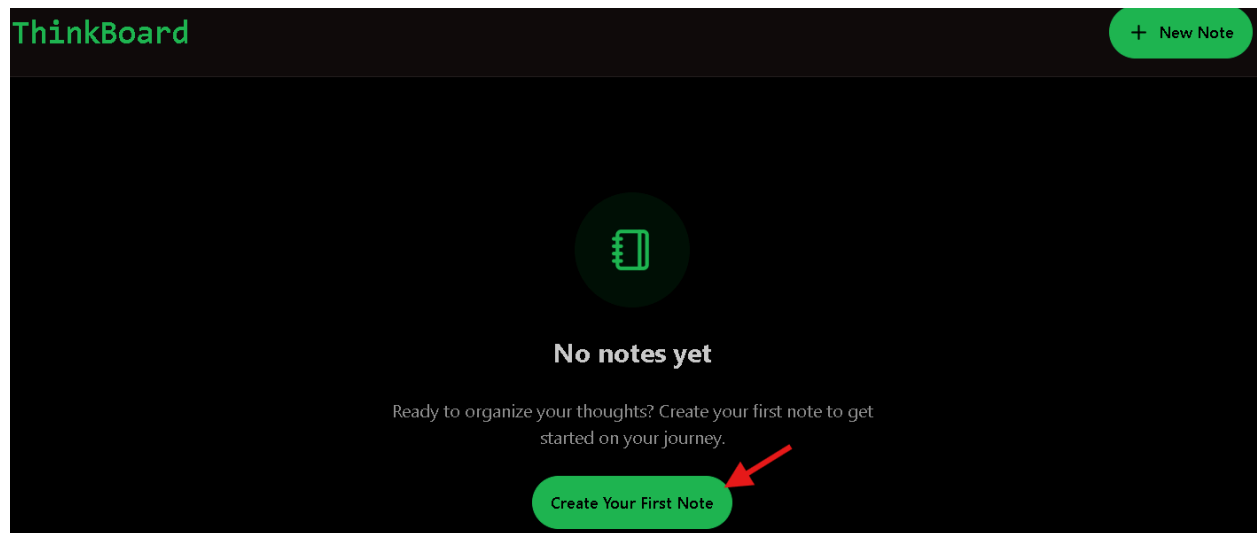
Code in NotesNotFound.jsx:

```
import { NotebookIcon } from "lucide-react";  
import { Link } from "react-router";
```

```
const NotesNotFound = () => {  
  return (  
    <div className="flex flex-col items-center justify-center py-16 space-y-6 max-w-md mx-auto text-center">  
      <div className="bg-primary/10 rounded-full p-8">  
        <NotebookIcon className="size-10 text-primary" />  
      </div>  
      <h3 className="text-2xl font-bold">No notes yet</h3>  
    </div>  
  )  
}
```

```
<p className="text-base-content/70">
  Ready to organize your thoughts? Create your first note to get started on your journey.
</p>
<Link to="/create" className="btn btn-primary">
  Create Your First Note
</Link>
</div>
);
};
export default NotesNotFound;
```

In Browser:



After click:

← Back to Notes

Create New Note

Title

Note Title

Content

Write your notes here...

Create Note