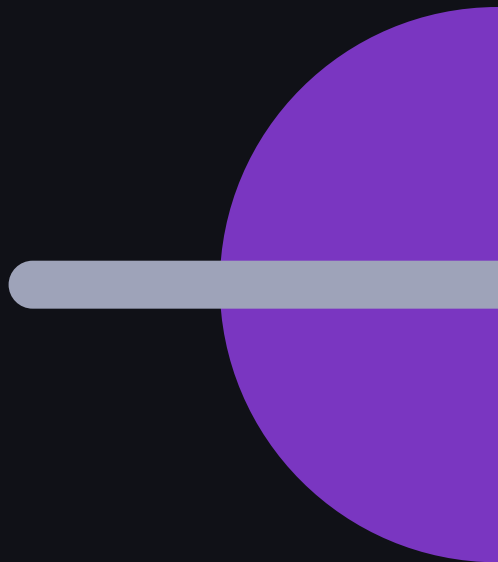




NEXT.JS HOOKS FOR EFFICIENT CODING



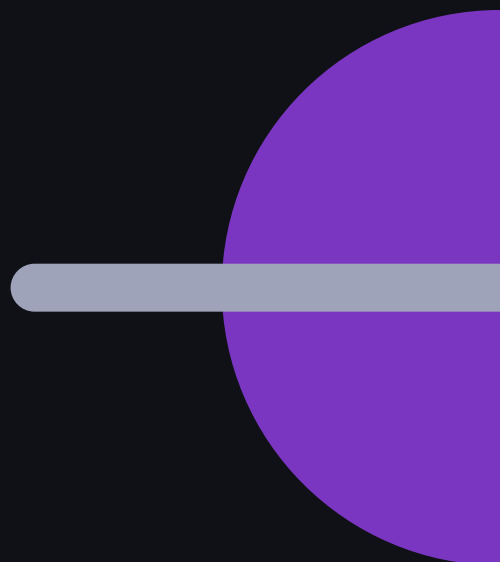


USEROUTER:

The `useRouter` hook in Next.js is a built-in React hook that provides access to the Next.js router object. It allows developers to programmatically navigate between pages, access route parameters, query parameters, and listen to route changes within Next.js applications.

```
'use client'
import { useRouter } from 'next/navigation'

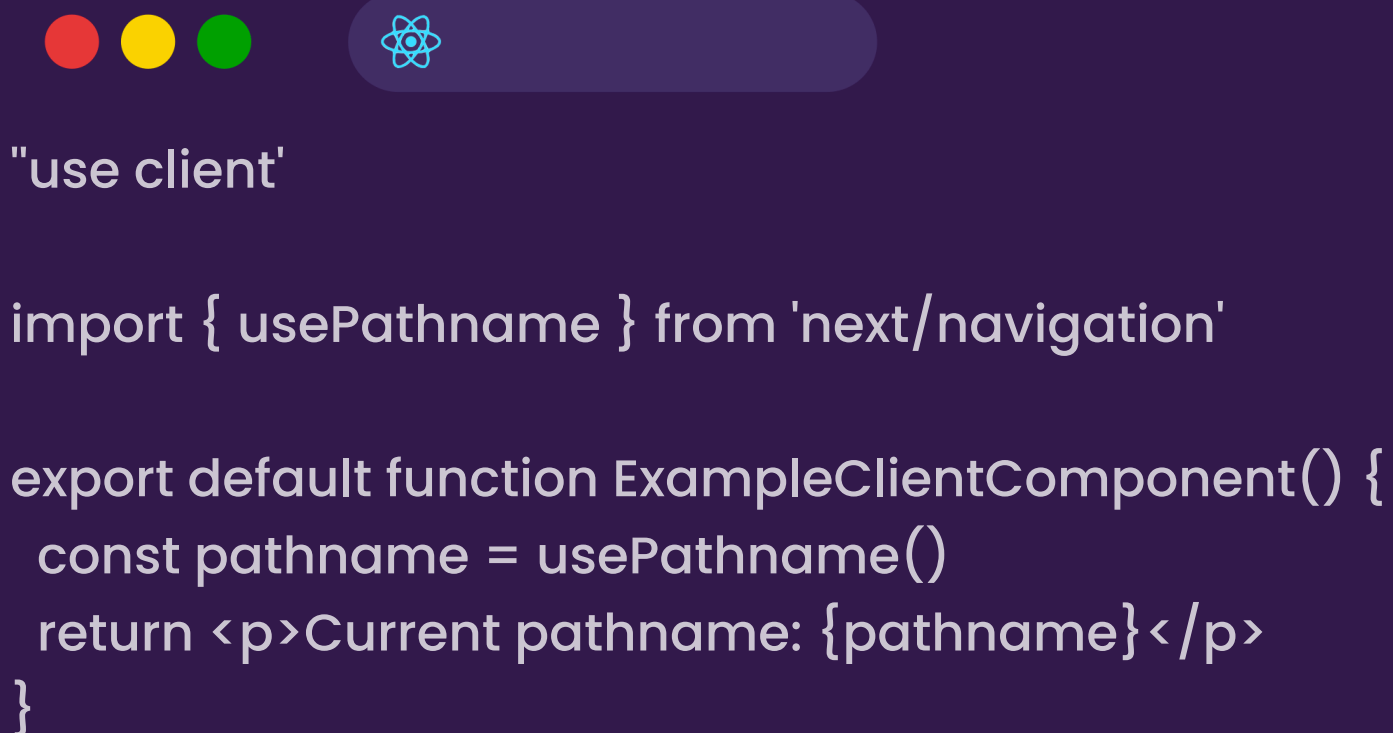
export default function Page() {
  const router = useRouter()
  return (
    <button type="button" onClick={() =>router.push('/dashboard')}>
      Dashboard
    </button>
  )
}
```





USEPATHNAME:

The `usePathname` hook (from `next/navigation`) lets you grab the current URL's pathname (without the query string) in client components. This is handy for highlighting active links, conditional rendering, or building dynamic UIs based on the route. Remember, it's for client-side logic only.



```
"use client"

import { usePathname } from 'next/navigation'

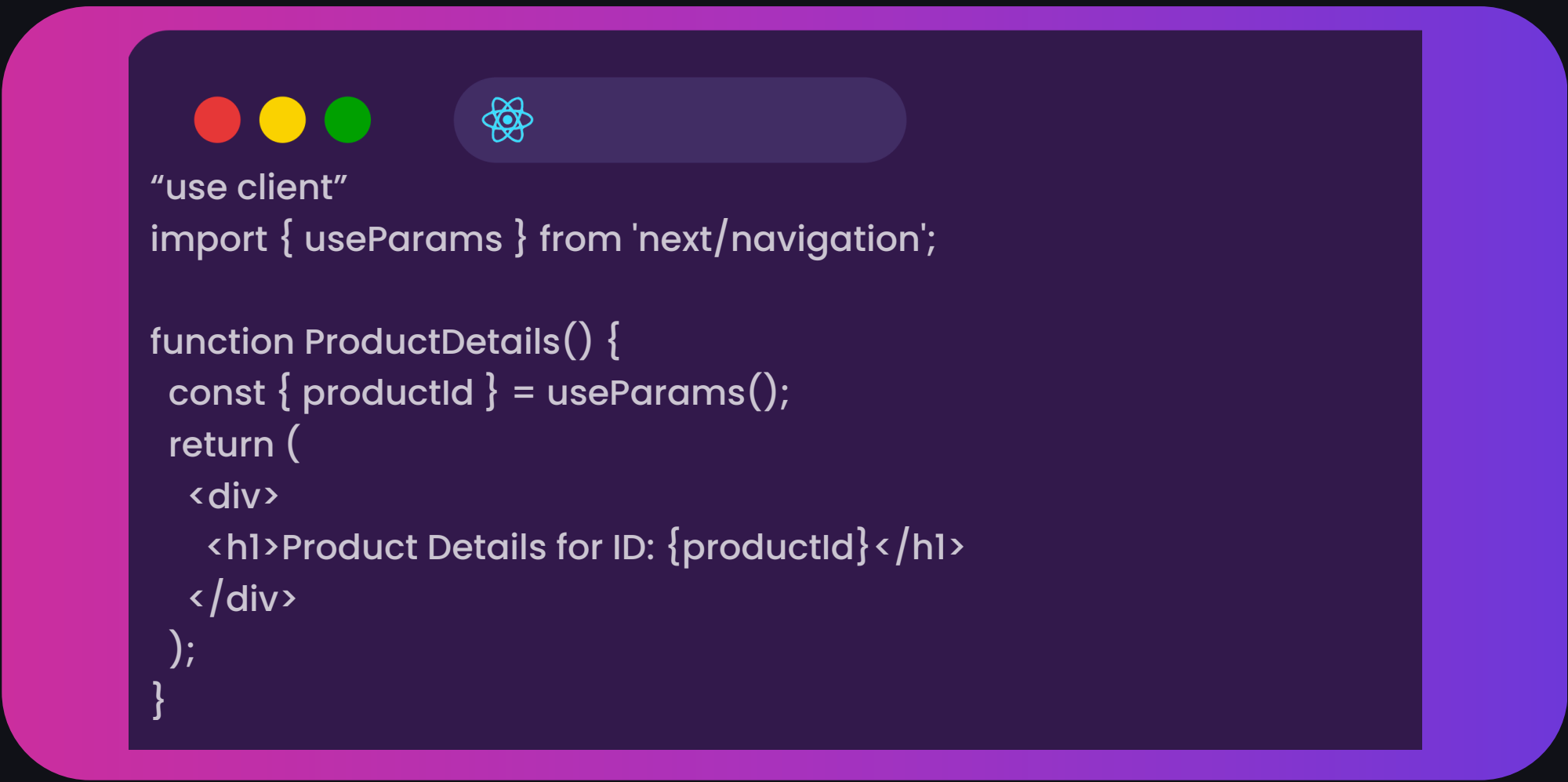
export default function ExampleClientComponent() {
  const pathname = usePathname()
  return <p>Current pathname: {pathname}</p>
}
```





USEPARAMS:

The `useParams` hook, imported from `next/navigation`, is a client-side hook in Next.js that grants access to dynamic route parameters within your component logic.



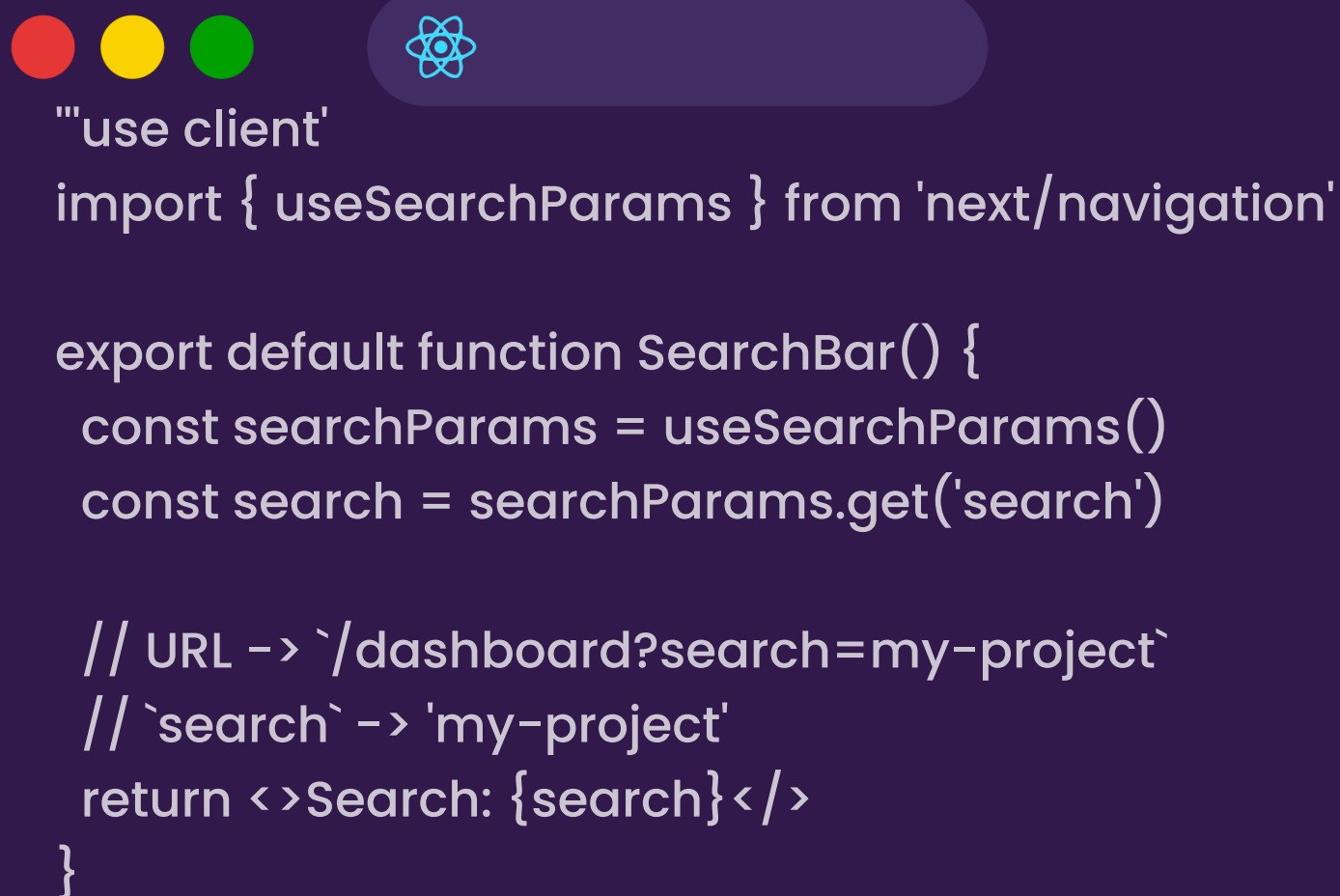
```
“use client”  
import { useParams } from 'next/navigation';  
  
function ProductDetails() {  
  const { productId } = useParams();  
  return (  
    <div>  
      <h1>Product Details for ID: {productId}</h1>  
    </div>  
  );  
}
```





USESEARCHPARAMS:

The `useSearchParams` hook (imported from `next/navigation`) is a client-side hook that empowers you to interact with the query string portion of the current URL within your client components.



```
""use client"
import { useSearchParams } from 'next/navigation'

export default function SearchBar() {
  const searchParams = useSearchParams()
  const search = searchParams.get('search')

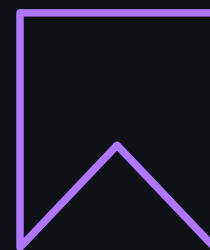
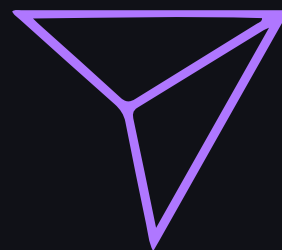
  // URL -> `/dashboard?search=my-project`
  // `search` -> 'my-project'
  return <>Search: {search}</>
}
```





ABDUL REHMAN

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information and tips like this.



ABDULREHMAN

@abdulrehman104

