

EXPLORER ... WEBSITE .next app favicon.ico globals.css JS layout.js JS page.js components node\_modules public .eslintrc.json .gitignore JS jsonconfig.json N next.config.mjs package-lock.json package.json postcss.config.js README.md tailwind.config.js OUTLINE TIMELINE TASK EXPLORER

JS Navbar.js JS Footer.js JS page.js Settings X

react 10 Settings Found

User Workspace Backup and Sync Settings

Text Editor (2)

Features (2)

Terminal (2)

Extensions (6)

Emmet (1)

ES React/React-Nat... (5)

Terminal > Integrated > Tabs: Default Icon

A codicon ID to associate with terminal icons by default.

terminal

Emmet: Include Languages (Default value changed)

Enable Emmet abbreviations in languages that are not supported by default. Add a mapping here between the language and Emmet supported language. For example: {"vue-html": "html", "javascript": "javascriptreact"}

Item	Value
ejs	html
javascript	javascriptreact

Add Item

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Import trace for requested module:

./app/page.js  
✓ Compiled /not-found in 409ms (654 modules)  
⚠ Fast Refresh had to perform a full reload. Read more: <https://nextjs.org/docs/messages/fast-refresh-reload>  
✓ Compiled in 156ms (668 modules)





EXPLORER

...

**JS** Navbar.js **JS** Footer.js **JS** page.js **JS** layout.js X

▷ ⏪ ...

WEBSITE

> .next  
app  
  favicon.ico  
  globals.css  
**JS** layout.js  
**JS** page.js> components  
> node\_modules

&gt; public

.eslintrc.json

.gitignore

jsconfig.json

next.config.mjs

package-lock.json

package.json

postcss.config.js

README.md

tailwind.config.js

&gt; OUTLINE

&gt; TIMELINE

&gt; TASK EXPLORER

app > **JS** layout.js > ...

```
1 import { Inter } from "next/font/google";
2 import "./globals.css";
3 import Navbar from "@/components/Navbar";
4 import Footer from "@/components/Footer"; ←

5
6 const inter = Inter({ subsets: ["latin"] });
7
8 export const metadata = {
9   title: "Facebook - Connect with the world",
10  description: "This is facebook and we can connect with the world using facebook",
11};
12
13 export default function RootLayout({ children }) {
14  return (
15    <html lang="en">
16      <body className={inter.className}>
17        <Navbar/> ←
18        {children}
19        <Footer/> ←
20      </body>
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
> 15 |       <Navbar/>
     |       ^
16 |       {children}
17 |       <Footer/>
18 |       </body>
```

node +



Ln 4, Col 14 Spaces: 2 UTF-8 LF ENG IN 20:5 Subscr...



EXPLORER

WEBSITE

- > .next
- > app
  - about
    - JS page.js
  - contact
    - JS page.js
  - favicon.ico
  - globals.css
  - JS layout.js
  - JS page.js
- > components
  - JS Footer.js
  - JS Navbar.js
- > node\_modules
- > public
- .eslintrc.json
- .gitignore
- JS config.json
- next.config.mjs
- package-lock.json
- package.json

OUTLINE

TIMELINE

TASK EXPLORER

JS Navbar.js X JS Footer.js JS page.js ...\\about JS page.js ...\\contact JS page.js app JS layout.js

components > JS Navbar.js > [e] Navbar

```
1 import React from 'react'
2 import Link from 'next/link'
3
4 const Navbar = () => {
5   return (
6     <nav className='flex justify-between px-4 bg-slate-800 text-white py-4'>
7       <div className="logo font-bold">Facebook</div>
8       <ul className='flex gap-6'>
9         <a href='/'><li>Home</li></a>
10        <a href='/about'><li>About</li></a>
11        <a href='/contact'><li>Contact</li></a>
12      </ul>
13    </nav>
14  )
15}
16
17 export default Navbar
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Import trace for requested module:

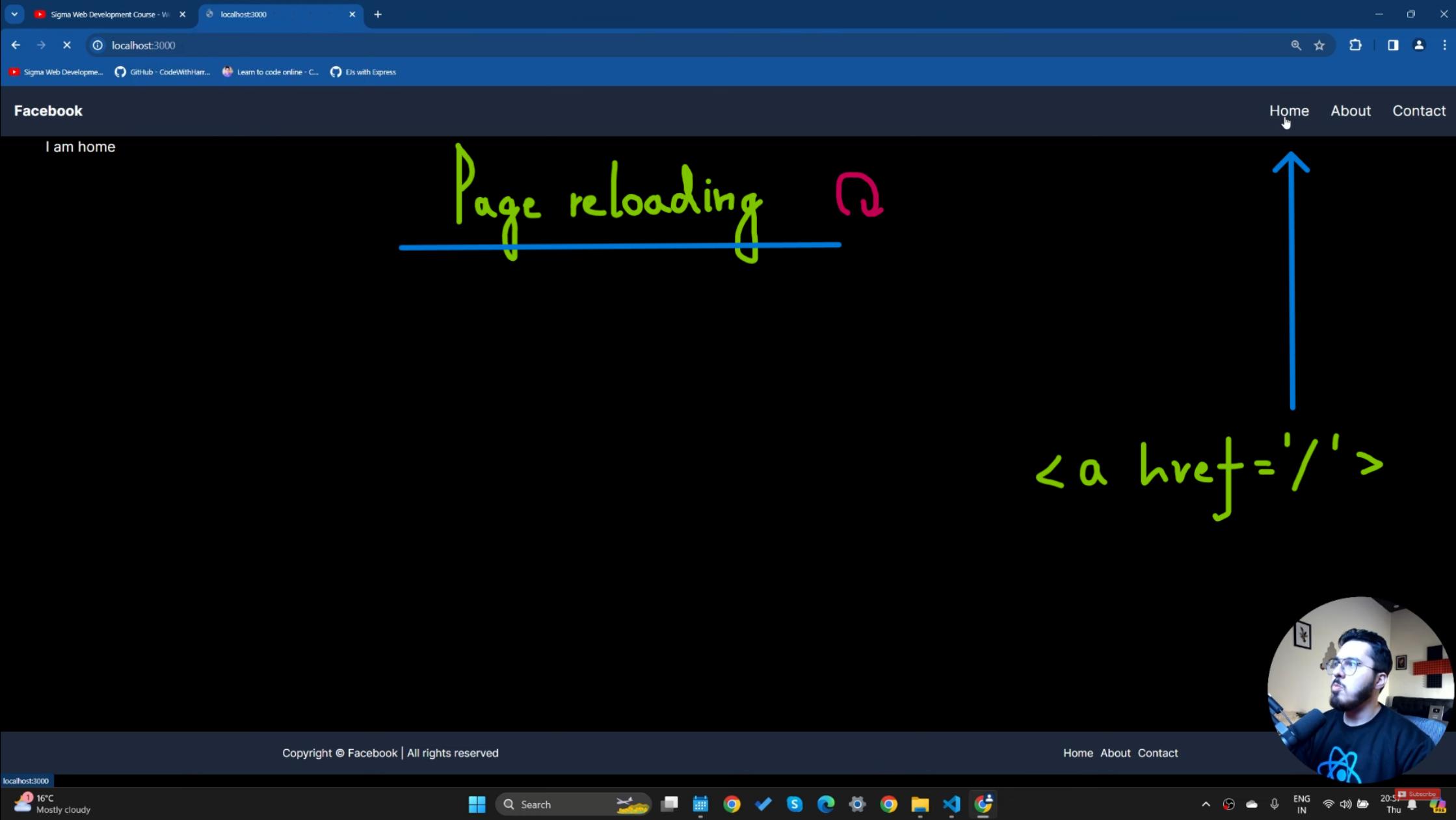
./components/Navbar.js

./app/layout.js

⚠ Fast Refresh had to perform a full reload. Read more: <https://nextjs.org/docs/messages/fast-refresh-reload>

✓ Compiled /not-found in 202ms (700 modules)





EXPLORER ... JS Navbar.js X JS Footer.js JS page.js ... \about JS page.js ... \contact JS page.js app JS layout.js ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋

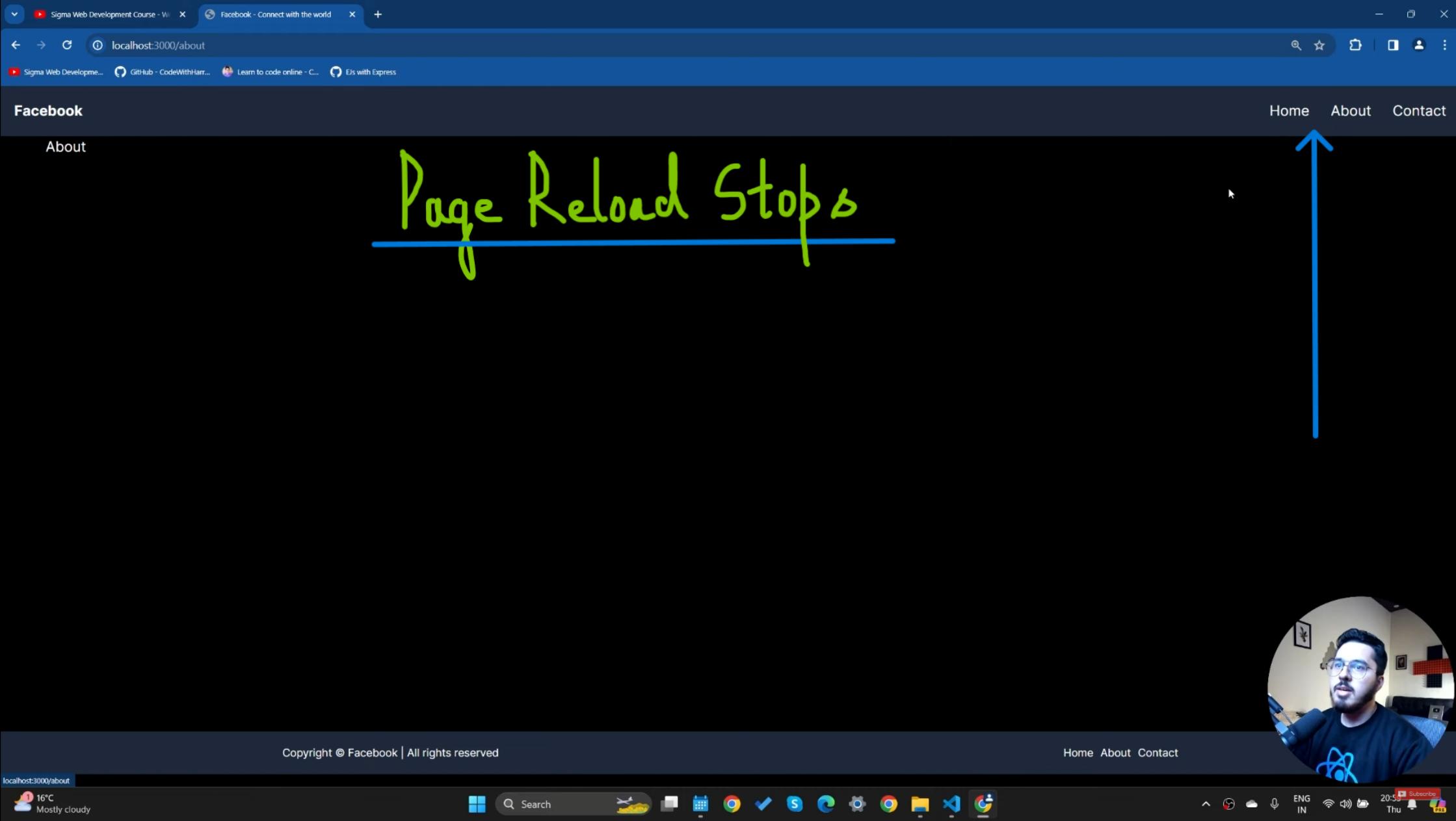
WEBSITE components > JS Navbar.js > [e] Navbar

```
1 import React from 'react'
2 import Link from 'next/link' ←
3
4 const Navbar = () => {
5   return [
6     <nav className='flex justify-between px-4 bg-slate-800 text-white py-4'>
7       <div className="logo font-bold">Facebook</div>
8       <ul className='flex gap-6'>
9         <Link href='/'><li>Home</li></Link>
10        <Link href='/about'><li>About</li></Link>
11        <Link href='/contact'><li>Contact</li></Link>
12      </ul>
13    </nav>
14  ]
15}
16
17 export default Navbar
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS node + ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋

```
./components/Navbar.js
./app/layout.js
⚠ Fast Refresh had to perform a full reload. Read more: https://nextjs.org/docs/messages/fast-refresh-reload
✓ Compiled /not-found in 202ms (700 modules)
✓ Compiled in 184ms (714 modules)
```





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localhost:3000/about

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**Facebook**

About

# Page Reload Stops

Home About Contact

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Home About Contact

localhost:3000/about

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nextjs.org/docs/app/api-reference/components/link

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Using App Router Features available in /app

App Router > ... > Components > <Link>

On this page

Props

- href (required)
- replace
- scroll
- prefetch

Examples

- Linking to Dynamic Routes
- Middleware

Version History

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API Reference

Components

- Font
- <Image>
- <Link>**
- <Script>

File Conventions

Props

Here's a summary of the props available for the Link Component:

Prop	Example	Type	Required
href	href="/dashboard"	String or Object	Yes
replace	replace={false}	Boolean	-
scroll	scroll={false}	Boolean	-
prefetch	prefetch={false}	Boolean or null	-



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...

WEBSITE

&gt; .next

&gt; app

&gt; about

JS page.js

&gt; contact

JS page.js

favicon.ico

globals.css

JS layout.js

JS page.js

&gt; components

JS Footer.js

JS Navbar.js

&gt; node\_modules

&gt; public

.eslintrc.json

.gitignore

jsconfig.json

next.config.mjs

package-lock.json

package.json

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JS Navbar.js

JS Footer.js

JS page.js ...\\about X

JS page.js ...\\contact

JS page.js app

JS layout.js

...

app &gt; about &gt; JS page.js &gt; [e] metadata &gt; 🪂 description

```
1 import React from 'react'
2
3 const about = () => {
4   return (
5     <div>
6       | About
7     </div>
8   )
9 }
10
11 export default about
12
13 export const metadata = [
14   title: "About Facebook - Connect with the world",
15   description: "This is about facebook and we can connect with the world using facebook",
16 ];
```

For each page

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

- ✓ Compiled in 300ms (707 modules)
- ✓ Compiled in 172ms (707 modules)
- ✓ Compiled in 156ms (707 modules)
- ✓ Compiled in 150ms (707 modules)
- ✓ Compiled in 147ms (707 modules)

node +



Ln 15, Col 33 Spaces: 4 UTF-8 CRLF



Sigma Web Development Course - W... About Facebook - Connect with the w... Components: <Link> | Next.js

localhost:3000/about

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# Facebook

## About

Home About Contact

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Home About Contact

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Search

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A yellow arrow points from the browser's title bar to the 'About' link in the navigation bar. A blue arrow points from the browser's address bar to the 'About' link in the navigation bar.

EXPLORER ...

WEBSITE

- > .next
- ✓ app
  - ✓ about
    - JS page.js
  - ✓ contact
    - JS page.js
- JS favicon.ico
- JS globals.css
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- JS page.js
- ✓ components
  - JS Footer.js
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- JS next.config.mjs
- npm package-lock.json
- npm package.json

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TASK EXPLORER

JS Navbar.js JS Footer.js JS page.js ...\\about JS page.js ...\\contact X JS page.js app JS layout.js

app > contact > JS page.js > [x] contact

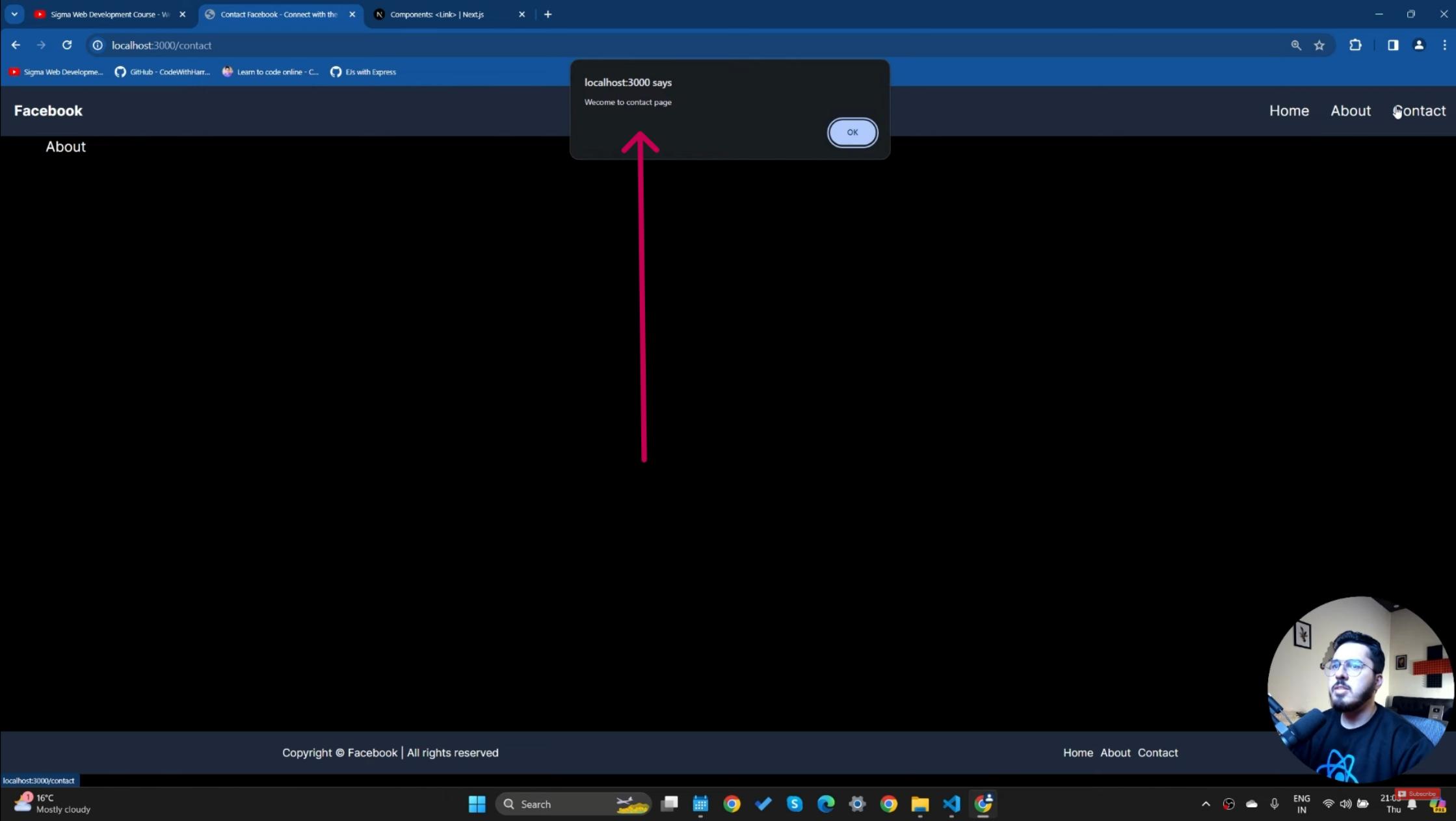
```
1 import React from 'react'
2 import Script from 'next/script'
3
4 const contact = () => {
5   return (
6     <div>
7       <Script>
8         |`alert("Wecome to contact page");`|
9       </Script>
10      this is contact
11    </div>
12  )
13 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

✓ Compiled in 476ms (701 modules)  
✓ Compiled in 197ms (715 modules)  
✓ Compiled in 153ms (715 modules)  
✓ Compiled in 176ms (715 modules)  
✓ Compiled in 177ms (715 modules)

Ln 8, Col 15 Spaces: 4 UTF-8 CRLF





Sigma Web Development Course - W Contact Facebook - Connect with the Components: <Script> | Next.js

nextjs.org/docs/app/api-reference/components/script

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Using App Router Features available in /app

App Router > ... > Components > <Script>

On this page

- Props
- Required Props
- src
- Optional Props
- strategy
- beforeInteractive
- afterInteractive
- lazyOnload
- worker
- onLoad
- onReady
- onError

Version History

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**<Script>**

This API reference will help you understand how to use [props](#) available for the Script Component. For features and usage, please see the [Optimizing Scripts](#) page.

```
app/dashboard/page.tsx
TypeScript
```

```
1 import Script from 'next/script'
2
3 export default function Dashboard() {
4   return (
5     <>
6       <Script src="https://example.com/script.js" />
7     </>
8   )
9 }
```

## Props

Here's a summary of the props available for the Script Component:

Prop	Example	Type	Required
<code>src</code>	<code>src="http://example.com/script"</code>	String	Required unless inline script is used
<code>strategy</code>	<code>strategy="lazyOnload"</code>	String	-
<code>onLoad</code>	<code>onLoad={onLoadFunc}</code>	Function	-

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nextjs.org/docs/app/api-reference/components/script#props

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API Reference

- Components
- Font
- <Image>
- <Link>
- <Script>

File Conventions

## Props

Here's a summary of the props available for the Script Component:

Prop	Example	Type	Required
<code>src</code>	<code>src="http://example.com/script"</code>	String	Required unless inline script is used
<code>strategy</code>	<code>strategy="lazyOnLoad"</code>	String	-
<code>onLoad</code>	<code>onLoad={onLoadFunc}</code>	Function	-
<code>onReady</code>	<code>onReady={onReadyFunc}</code>	Function	-
<code>onError</code>	<code>onError={onErrorFunc}</code>	Function	-

## Required Props

The `<script />` component requires the following properties.

`src`

A path string specifying the URL of an external script. This can be either an absolute external URL or an internal path. The `src` property is required unless an inline script is used.

## Optional Props

On this page

- Props
- Required Props
- `src`
- Optional Props
- `strategy`
- `beforeInteractive`
- `afterInteractive`
- `lazyOnload`
- `worker`
- `onLoad`
- `onReady`
- `onError`

Version History

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nextjs.org/docs/app/api-reference/components/script#strategy

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used.

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**API Reference**

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- File Conventions

**Optional Props**

The `<Script>` component accepts a number of additional properties beyond those which are required.

**strategy**

The loading strategy of the script. There are four different strategies that can be used:

- `beforeInteractive`: Load before any Next.js code and before any page hydration occurs.
- `afterInteractive`: (default) Load early but after some hydration on the page occurs.
- `lazyonload`: Load during browser idle time.
- `worker`: (experimental) Load in a web worker.

**beforeInteractive**

Scripts that load with the `beforeInteractive` strategy are injected into the initial HTML from the server, downloaded before any Next.js module, and executed in the order they are placed before *any* hydration occurs on the page.

Scripts denoted with this strategy are preloaded and fetched before any first-party code, but their execution does not block page hydration from occurring.

`beforeInteractive` scripts must be placed inside the root layout (`app/layout.tsx`) and are designed to load scripts that are needed by the entire site (i.e. the script will load when any page in the application has been loaded server-side).

This strategy should only be used for critical scripts that need to be fetched before

**On this page**

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EXPLORER ... JS Navbar.js JS Footer.js JS page.js ...\\about JS page.js ...\\contact JS page.js app X JS layout.js ⌂ ⌂ ...

WEBSITE app > JS page.js > Home

.next app about page.js contact favicon.ico globals.css layout.js page.js components Footer.js Navbar.js node\_modules public .eslintrc.json .gitignore jsconfig.json next.config.mjs package-lock.json package.json postcss.config.js

```
1
2
3 export default function Home() {
4   return (
5     <div className="container my-5">
6       
8     </div>
9   );
10 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

✓ Compiled in 167ms (715 modules)  
✓ Compiled in 174ms (715 modules)  
✓ Compiled in 209ms (715 modules)  
✓ Compiled in 167ms (673 modules)  
✓ Compiled /favicon.ico in 300ms (335 modules)

generally



Sigma Web Development Course - W Facebook - Connect with the world Components: <Script> | Next.js slider image - Google Search

localhost:3000

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# Facebook

Home About Contact

Network

Filter: All Fetch/XHR Doc CSS JS Font Img Media Manifest WS Wasm Other Blocked response cookies Blocked requests

3rd-party requests

Name	Status	Type	Initiator	Size	Time	Waterfall
localhost	200	document	Other	3.4 kB	82 ms	
image-slider-3.jpg	200	jpeg	(index):0	58.1 kB	1.14 s	
layout.css?v=1708616467810	200	stylesheet	:3000:/1	6.7 kB	8 ms	
webpack.js?v=1708616467810	200	script	(index):0	10.8 kB	8 ms	
main-app.js?v=1708616467810	200	script	(index):0	1.9 MB	185 ms	
app-pages-internals.js	200	script	(index):0	42.3 kB	10 ms	
layout.js	200	script	(index):0	86.1 kB	15 ms	
c9a5bc6a7c948fb0-s.p.woff2	200	font	layout.css	46.9 kB	3 ms	
webpack-hmr	101	websocket	use-webpack.js:42	0 B	Pending	
favicon.ico	200	x-icon	Other	26.2 kB	367 ms	

10 requests | 2.2 MB transferred | 9.0 MB resources | Finish: 1.58 s | DOMContentLoaded: 95 ms | Load: 1.21 s

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nextjs.org/docs/app/api-reference/components/image

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API Reference

- Components
  - Font
  - <Image>
  - <Link>
  - <Script>

File Conventions

App Router > ... > Components > <Image>

# <Image>

## Examples

This API reference will help you understand how to use [props](#) and [configuration options](#) available for the Image Component. For features and usage, please see the [Image Component page](#).

```
app/page.js
```

```
1 import Image from 'next/image'
2
3 export default function Page() {
4   return (
5     <Image
6       src="/profile.png"
7       width={500}
8       height={500}
9       alt="Picture of the author"
10    />
11  )
12}
```

## Props

Here's a summary of the props available for the Image Component:

On this page

- Props
- Required Props
  - src
  - width
  - height
  - alt
- Optional Props
  - loader
  - fill
  - sizes
  - quality
  - priority
  - placeholder
- Advanced Props
  - style
  - onLoadingComplete
  - onLoad
  - onError
  - loading
  - blurDataURL
  - unoptimized

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EXPLORER ... JS Navbar.js JS Footer.js JS page.js ... \about JS page.js ... \contact JS page.js app X JS layout.js ⌂ ⌂ ...

WEBSITE app > JS page.js > Home

```
1 import Image from "next/image";
2
3 export default function Home() {
4     return (
5         <div className="container my-5">
6             <Image className="mx-auto" width={100} height={100}
7                 src="http://www.menucool.com/slider/prod/image-slider-3.
8                 jpg" alt="" />
9         </div>
10    );
}
```

mandatory



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

node +

✖ Error: Invalid src prop (http://www.menucool.com/slider/prod/image-slider-3.jpg) on `next/image`, host 1.com" is not configured under images in your `next.config.js`  
See more info: <https://nextjs.org/docs/messages/next-image-unconfigured-host>

at Array.map (<anonymous>)

null



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localhost:3000

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1 of 1 unhandled error

Next.js is up to date

**Unhandled Runtime Error**

Error: Invalid src prop (<http://www.menucool.com/slider/prod/image-slider-3.jpg>) on `next/image`, hostname "www.menucool.com" is not configured under images in your `next.config.js`

See more info: <https://nextjs.org/docs/messages/next-image-unconfigured-host>

Call Stack

```
> N Next.js
Array.map
<anonymous>
> N Next.js
Component
node_modules\next\dist\compiled\react-dom\cjs\react-dom.development.js (11021:17)
renderWithHooks
node_modules\next\dist\compiled\react-dom\cjs\react-dom.development.js (15686:19)
updateForwardRef
node_modules\next\dist\compiled\react-dom\cjs\react-dom.development.js (16687:16)
mountLazyComponent
node_modules\next\dist\compiled\react-dom\cjs\react-dom.development.js (18388:15)
beginWork$1
node_modules\next\dist\compiled\react-dom\cjs\react-dom.development.js (26791:13)
```

Imp

Preserve log Disable cache  
No throttling Filter Invert  
Hide data URLs Hide extension URLs  
All Fetch/XHR Doc CSS JS Font Im  
Blocked response cookies  
Blocked requests 3rd-party requests  
500 ms 1000 ms

Name S. T. In... S. T. Waterfall

47 requests 2.4 Mb 9.9 Mb re

A screenshot of a browser window showing an unhandled runtime error in Next.js. The error message states: "Error: Invalid src prop (<http://www.menucool.com/slider/prod/image-slider-3.jpg>) on `next/image`, hostname "www.menucool.com" is not configured under images in your `next.config.js`". Below the error message is a "Call Stack" section listing several Next.js internal functions. A red arrow points from the error message to the link in the error message. A large red "Imp" is written on the page below the error stack. The background shows a video feed of a person in a room.

Sigma Web Development Course - W | localhost:3000 | Components: <Image> | Next.js | Optimizing: Images | Next.js | slider image - Google Search

nextjs.org/docs/app/building-your-application/optimizing/images

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compress devIndicators distDir env eslint exportPathMap generateBuildId generateEtags headers httpAgentOptions images cacheHandler instrumentationHook logging mdxRs onDemandEntries optimizePackageImports output pageExtensions Partial Prerendering (experimental) poweredByHeader productionBrowserSourceMaps

To safely allow optimizing images, define a list of supported URL patterns in `next.config.js`. Be as specific as possible to prevent malicious usage. For example, the following configuration will only allow images from a specific AWS S3 bucket:

```
next.config.js
```

Learn more about `remotePatterns` configuration. If you want to use relative URLs for the image `src`, use a `Loader`.

## Domains

Sometimes you may want to optimize a remote image, but still use the built-in Next.js Image Optimization API. To do this, leave the `Loader` at its default setting and enter an absolute URL for the Image `src` prop.

To protect your application from malicious users, you must define a list of remote hostnames you intend to use with the `next/image` component.

On this page

- Usage
- Local Images
- Remote Images
- Domains
- Loaders
- Priority
- Image Sizing
- Styling
- Examples
- Responsive
- Fill Container
- Background Image
- Other Properties
- Configuration
- API Reference

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File Edit Selection View Go ... 🔍 website

EXPLORER ...

WEBSITE

- > .next
- ✓ app
  - ✓ about
    - JS page.js
  - ✓ contact
    - JS page.js
  - favicon.ico
  - globals.css
  - JS layout.js
  - JS page.js
- ✓ components
  - JS Footer.js
  - JS Navbar.js
- > node\_modules
- > public
- .eslintrc.json
- .gitignore
- JS config.json
- ✓ next.config.mjs
- ✓ package-lock.json
- ✓ package.json

OUTLINE

TIMELINE

TASK EXPLORER

JS Navbar.js JS Footer.js JS page.js ...\\about JS page.js ...\\contact X JS page.js app N next.config.mjs X JS ...

```
next.config.mjs > [x] nextConfig > images > remotePatterns > protocol
1  /** @type {import('next').NextConfig} */
2  const nextConfig = {
3    images: {
4      remotePatterns: [
5        {
6          protocol: 'http',
7          hostname: 'www.menucool.com',
8          port: '',
9        },
10       ],
11     },
12   };
13
14 export default nextConfig;
15
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

node + ×

⚠ Found a change in next.config.mjs. Restarting the server to apply the changes...

▲ Next.js 14.1.0

- Local: http://localhost:3000

✓ Ready in 2.1s

Ln 6, Col 23 Spaces: 4 UTF-8 LF

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localhost:3000

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# Facebook

Home About Contact

Network Performance Security Memory Application

Filter Preserve log Disable cache No throttling

All Fetch/XHR Doc CSS JS Font Img Media Manifest WS Wasm Other Blocked response cookies Blocked requests

3rd-party requests

Name	Status	Type	Initiator	Size	Time	Waterfall
localhost	200	document	Other	3.5 kB	156 ms	
layout.css?v=1708616810869	200	stylesheet	(index):0	4.8 kB	6 ms	
webpack.js?v=1708616810869	200	script	(index):0	10.9 kB	6 ms	
main-app.js?v=1708616810869	200	script	(index):0	1.9 MB	183 ms	
app-pages-internals.js	200	script	(index):0	42.3 kB	8 ms	
page.js	200	script	(index):0	232 kB	30 ms	
layout.js	200	script	(index):0	86.1 kB	11 ms	
c9a5bc6a7c948fb0-s.p.woff2	200	font	:3000/ next/static/c...	(memory c...)	0 ms	
image?url=http%3A%2F%2Fwww.menu...	304	webp	(index):0	230 B	5 ms	
favicon.ico	200	x-icon	Other	26.2 kB	10 ms	
webpack-hmr	101	websocket	use-websocket.js:1	0 B	Pending	

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11 requests | 2.4 MB transferred | 9.9 MB resources | Finish: 612 ms | DOMContentLoaded: 180 ms | Load: 597 ms

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Windows Taskbar icons

EXPLORER ...

WEBSITE

- > .next
- app
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  - Footer.js
  - Navbar.js
- node\_modules
- public
- .eslintrc.json
- .gitignore
- jsconfig.json
- next.config.mjs
- package-lock.json
- package.json

- > OUTLINE
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JS Navbar.js JS Footer.js JS page.js ...\\about JS page.js ...\\contact JS page.js app X N next.config.mjs JS D ...

app > JS page.js > Home

```
1 import Image from "next/image";
2
3 export default function Home() {
4   return (
5     <div className="container my-5 size-80 bg-red-300">
6       <Image className="mx-auto" width={700} height={700} src="http://www.menucool.com/slider/
7         prod/image-slider-3.jpg" alt="" />
8     </div>
9   );
10 }
```

1

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

✓ Compiled in 178ms (569 modules)  
✓ Compiled in 147ms (569 modules)  
✓ Compiled in 152ms (569 modules)  
✓ Compiled in 117ms (569 modules)  
✓ Compiled in 152ms (569 modules)

node + ×



> 0 ▲ 0 ⌂ 0

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localhost:3000

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# Facebook

Home About Contact

1

aspect-ratio maintained

Name	Status	Type	Initiator	Size	Time	Waterfall
layout.b55b137c4a2d1043.hot-update.js	200	script	webpack.js?v=1708...	1.3 kB	5 ms	
webpack.b55b137c4a2d1043.hot-updat...	200	script	webpack.js?v=1708...	1.2 kB	3 ms	
layout.css?v=1708616979020	200	stylesheet	react-dom.develop...	4.8 kB	2 ms	
?_rsc=1xuj0	200	fetch	fetch-server-respon...	1.8 kB	75 ms	
8de66704362e803e.webpack.hot-update...	200	fetch	webpack.js?v=1708...	373 B	6 ms	
layout.8de66704362e803e.hot-update.js	200	script	webpack.js?v=1708...	1.3 kB	7 ms	
webpack.8de66704362e803e.hot-update...	200	script	webpack.js?v=1708...	1.2 kB	5 ms	
layout.css?v=1708616986330	200	stylesheet	react-dom.develop...	4.8 kB	2 ms	
?_rsc=1xuj0	200	fetch	fetch-server-respon...	609 B	59 ms	
bd2ad8b86897239e.webpack.hot-updat...	200	fetch	webpack.js?v=1708...	373 B	4 ms	
layout.bd2ad8b86897239e.hot-update.js	200	script	webpack.js?v=1708...	1.3 kB	3 ms	
webpack.bd2ad8b86897239e.hot-updat...	200	script	webpack.js?v=1708...	1.2 kB	3 ms	
layout.css?v=1708616995548	200	stylesheet	react-dom.develop...	4.8 kB	2 ms	
image?url=http%3A%2F%2Fwww.menu...	200	webp	react-dom.develop...	27.8 kB		
?_rsc=1xuj0	200	fetch	fetch-server-respon...	1.8 kB		
7e2495b184b07a84.webpack.hot-updat...	200	fetch	webpack.js?v=1708...	373 B		
layout.7e2495b184b07a84.hot-update.js	200	script	webpack.js?v=1708...	1.3 kB		
webpack.7e2495b184b07a84.hot-updat...	200	script	webpack.js?v=1708...	1.2 kB		
layout.css?v=1708616996870	200	stylesheet	react-dom.develop...	4.8 kB		

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Home About Contact

42 requests | 2.4 MB transferred | 10.1 MB resources | Finish: 31.78 s | DOMContentLoaded: 157 ms | Load: 584 ms

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EXPLORER ...

WEBSITE

- > .next
- app
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  - layout.js
  - page.js
- components
  - Footer.js
  - Navbar.js
- node\_modules
- public
- .eslintrc.json
- .gitignore
- jsconfig.json
- next.config.mjs
- package-lock.json
- package.json

JS Navbar.js JS Footer.js JS page.js ...\\about JS page.js ...\\contact JS page.js app X N next.config.mjs JS ...

app > JS page.js > Home

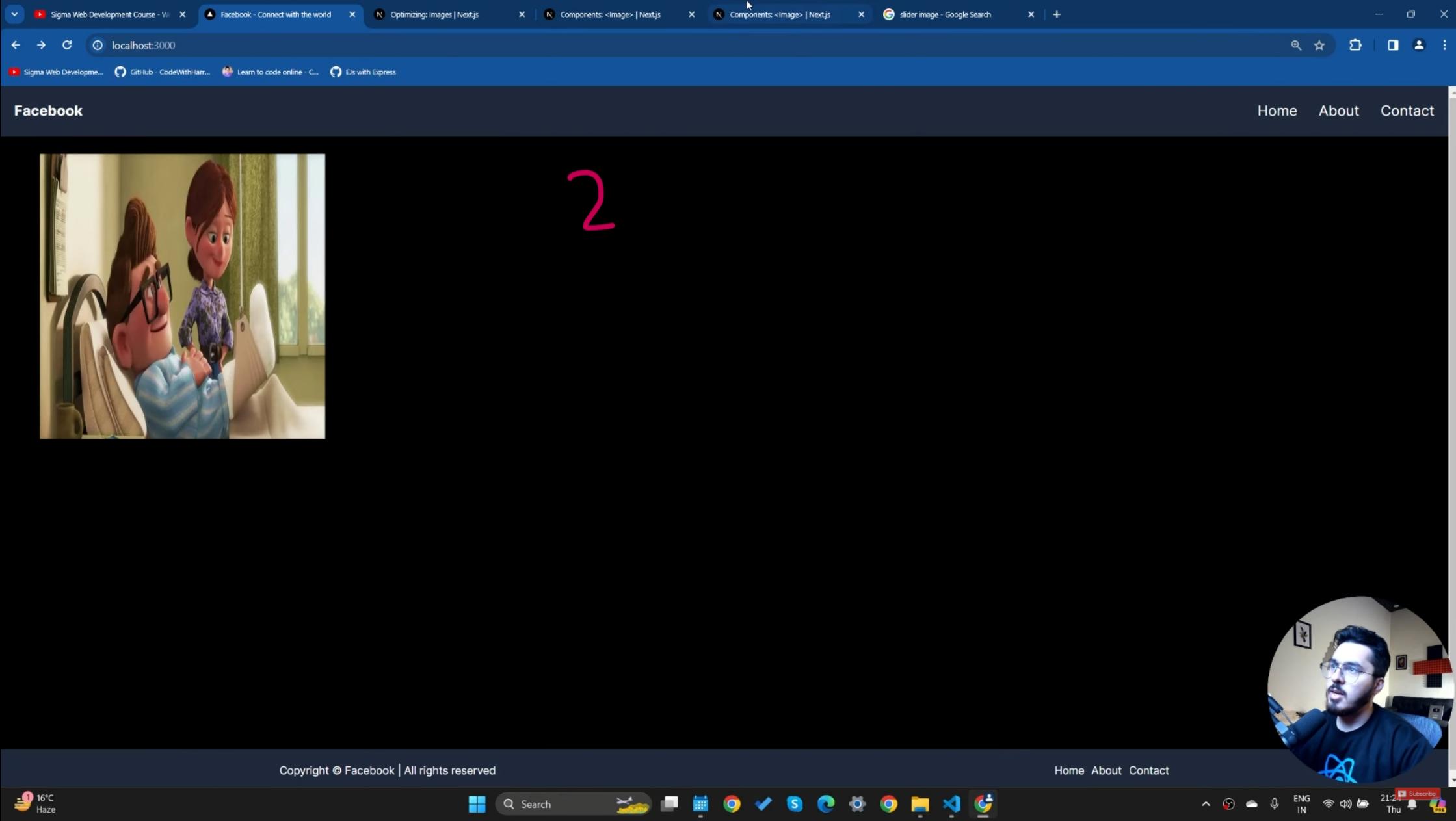
```
1 import Image from "next/image";
2
3 export default function Home() {
4   return (
5     <div className="container my-5 size-80 bg-red-300 relative">
6       <Image className="mx-auto" fill={true} src="http://www.menucool.com/slider/prod/
7         image-slider-3.jpg" alt="" />
8     </div>
9   );
10}
```

2

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

✓ Compiled in 236ms (541 modules)  
✓ Compiled /favicon.ico in 48ms (311 modules)  
✓ Compiled in 222ms (541 modules)  
✓ Compiled in 127ms (541 modules)  
✓ Compiled in 111ms (541 modules)





Sigma Web Development Course - W... Facebook - Connect with the world Optimizing: Images | Next.js Components: <Image> | Next.js Components: <Image> | Next.js slider image - Google Search

localhost:3000

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nextjs.org/docs/pages/api-reference/components/image#fill

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every instance of `next/image` in your application, without passing a prop.

**Using Pages Router** Features available in /pages

Optimizing Configuring Testing Authentication Deploying Upgrading

**API Reference**

Components

- Font
- <Head>
- <Image>**
- <Image> (Legacy)
- <Link>
- <Script>

Functions

next.config.js Options

create-next-app

Next.js CLI

Edge Runtime

Architecture

Accessibility

Fast Refresh

**fill**

`fill={true} // {true} | {false}`

A boolean that causes the image to fill the parent element, which is useful when the `width` and `height` are unknown.

The parent element *must* assign `position: "relative"`, `position: "fixed"`, or `position: "absolute"` style.

By default, the `img` element will automatically be assigned the `position: "absolute"` style.

If no styles are applied to the image, the image will stretch to fit the container. You may prefer to set `object-fit: "contain"` for an image which is letterboxed to fit the container and preserve aspect ratio.

Alternatively, `object-fit: "cover"` will cause the image to fill the entire container and be cropped to preserve aspect ratio. For this to look correct, the `overflow: "hidden"` style should be assigned to the parent element.

For more information, see also:

- `position` ↗
- `object-fit` ↗
- `object-position` ↗

**sizes**

A string, similar to a media query, that provides information about how wide the image will be at different breakpoints. The value of `sizes` will greatly affect performance for images using `fill` or which are styled to have a responsive size.

On this page

Props

Required Props

`src`

`width`

`height`

`alt`

Optional Props

`loader`

**fill**

`sizes`

`quality`

`priority`

`placeholder`

Advanced Props

`style`

`onLoadingComplete`

`onLoad`

`onError`

`loading`

`blurDataURL`

`unoptimized`

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EXPLORER ...

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- > OUTLINE
- > TIMELINE
- > TASK EXPLORER

JS Navbar.js JS Footer.js JS page.js ...\\about JS page.js ...\\contact JS page.js app X N next.config.mjs JS ...

app > JS page.js > Home

```
1 import Image from "next/image";
2
3 export default function Home() {
4   return (
5     <div className="container my-5 size-80 bg-red-300 relative">
6       <Image className="mx-auto object-contain" fill={true} src="http://www.menucool.com/slider/
7         prod/image-slider-3.jpg" alt="" />
8     </div>
9   );
10}
```

3

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

✓ Compiled in 127ms (541 modules)  
✓ Compiled in 111ms (541 modules)  
✓ Compiled in 128ms (541 modules)  
✓ Compiled in 130ms (541 modules)  
✓ Compiled in 102ms (541 modules)

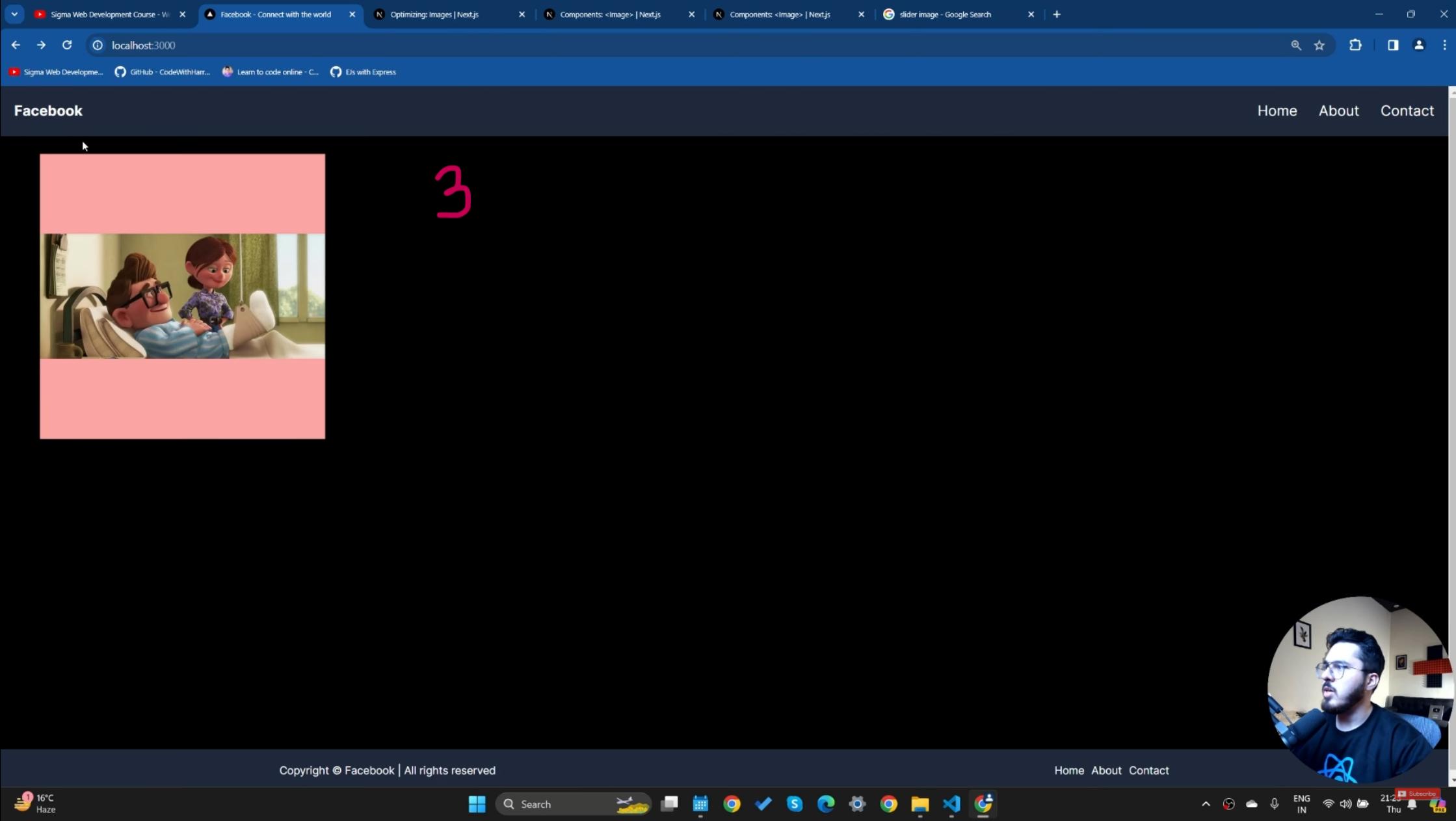
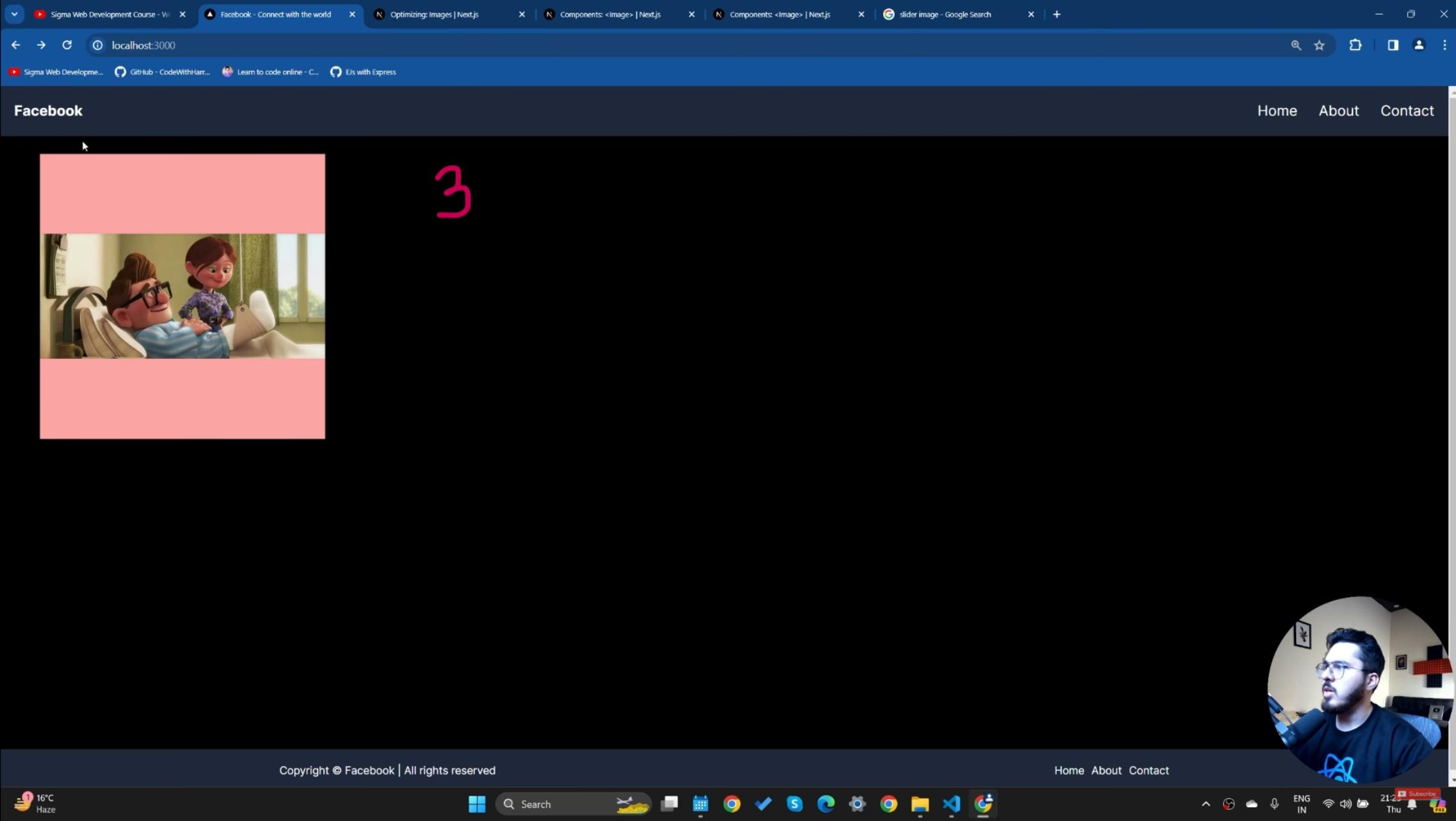
node +



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EXPLORER ...

WEBSITE

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  - layout.js
  - page.js
- components
  - Footer.js
  - Navbar.js
- node\_modules
- public
- .eslintrc.json
- .gitignore
- jsconfig.json
- next.config.mjs
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- > OUTLINE
- > TIMELINE
- > TASK EXPLORER

JS Navbar.js JS Footer.js JS page.js ...\\about JS page.js ...\\contact JS page.js app X N next.config.mjs JS ...

app > JS page.js > Home

```
1 import Image from "next/image";
2
3 export default function Home() {
4   return (
5     <div className="container my-5 size-80 bg-red-300 relative">
6       <Image className="mx-auto object-cover" fill={true} src="http://www.menucool.com/slider/
7         prod/image-slider-3.jpg" alt="" />
8     </div>
9   );
10}
```

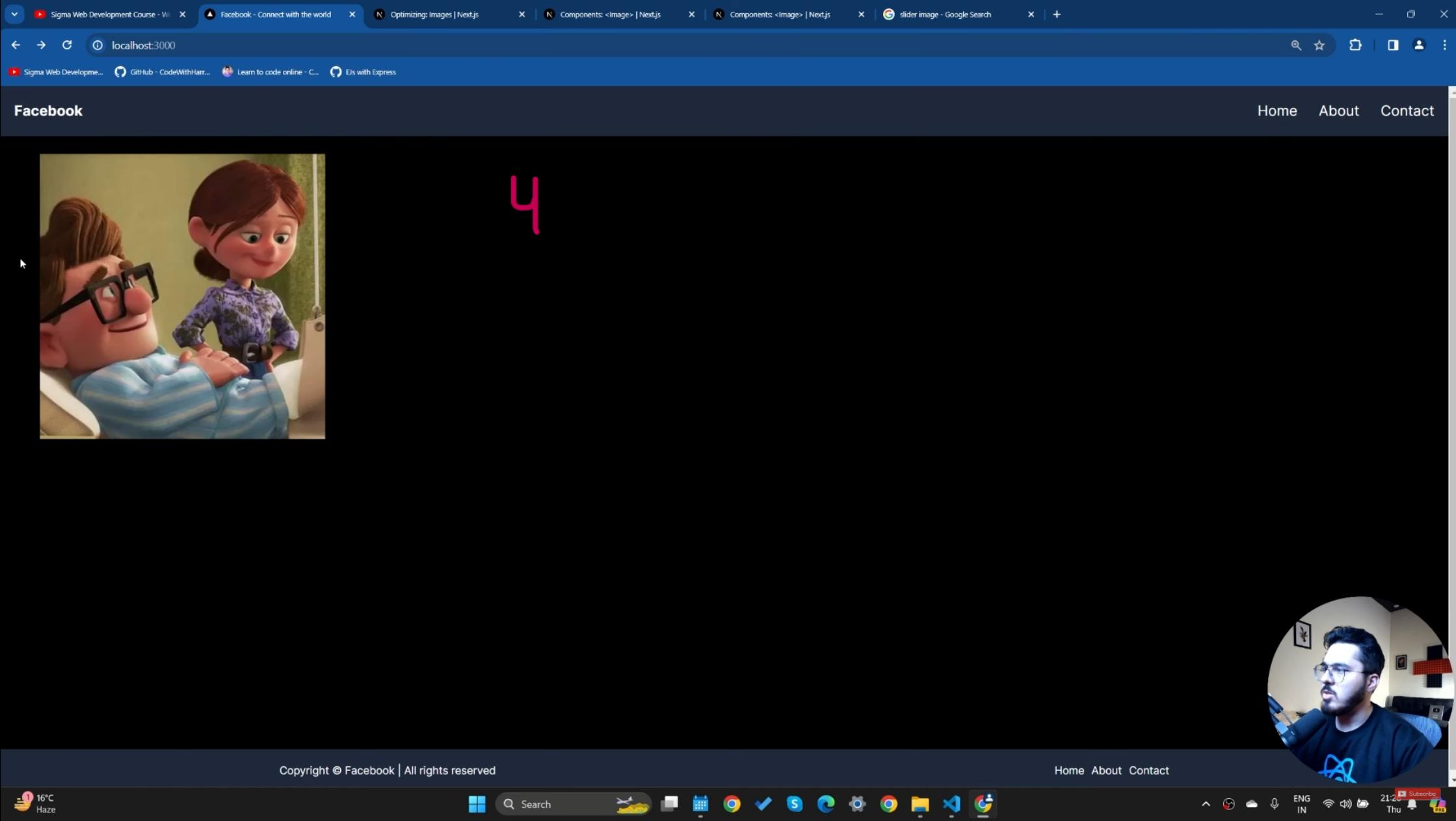
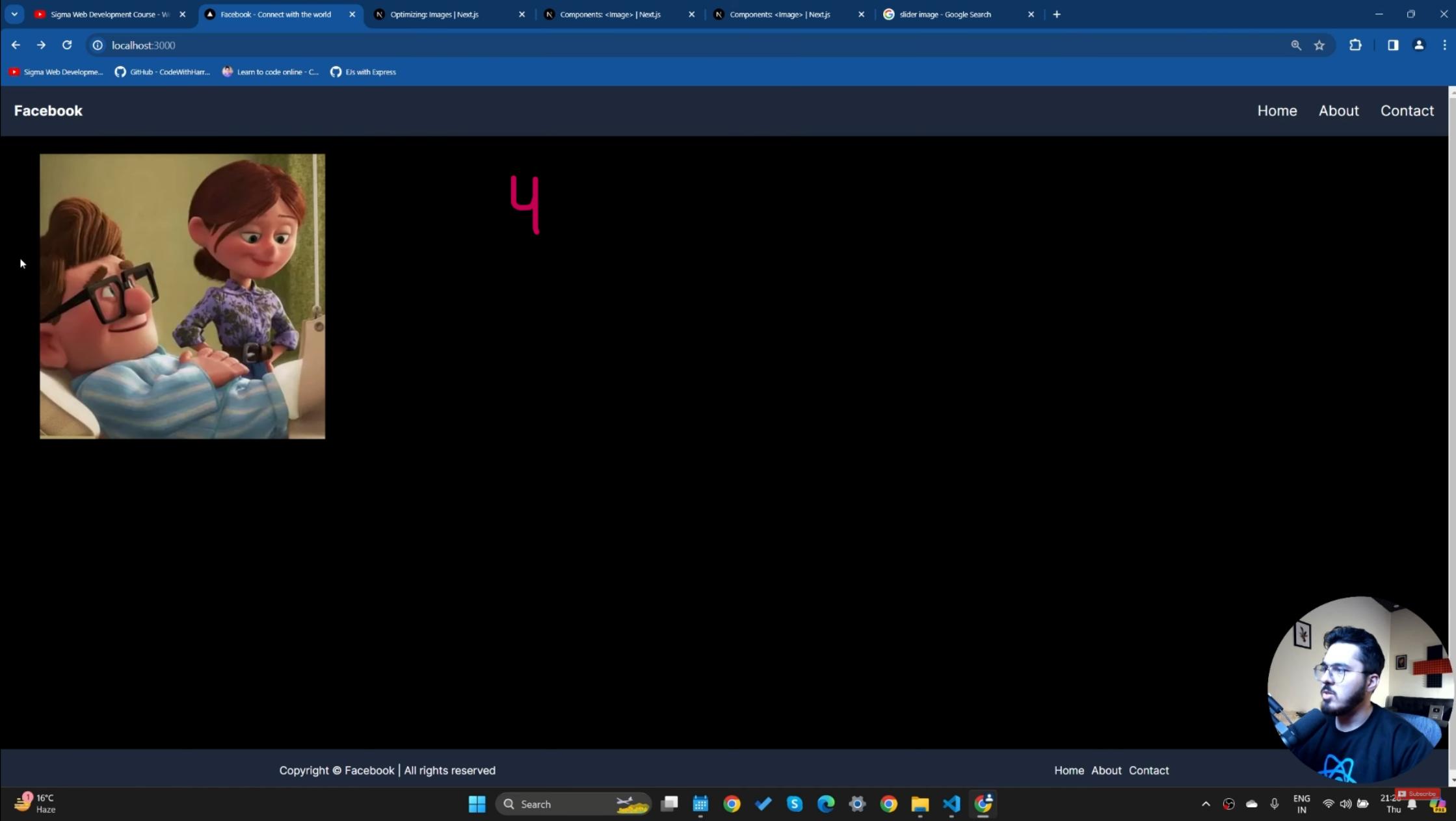
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

✓ Compiled in 130ms (541 modules)  
✓ Compiled in 102ms (541 modules)  
✓ Compiled in 106ms (541 modules)  
✓ Compiled in 110ms (541 modules)  
✓ Compiled in 132ms (541 modules)

node + x



Ln 6, Col 45 Spaces: 2 UTF-8 LF pt 16°C Haze Search 21:23 ENG IN Subscr...



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nextjs.org/docs/pages/api-reference/components/image#fill

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Components

- Font
- <Head>
- <Image>**
- <Image> (Legacy)
- <Link>
- <Script>

Functions

- next.config.js Options
- create-next-app
- Next.js CLI
- Edge Runtime

Architecture

- Accessibility
- Fast Refresh

sizes="(max-width: 768px) 100vw, (max-width: 1200px) 50vw, 33vw"

/>

</div>

)

}

This example `sizes` could have a dramatic effect on performance metrics. Without the `33vw` sizes, the image selected from the server would be 3 times as wide as it needs to be. Because file size is proportional to the square of the width, without `sizes` the user would download an image that's 9 times larger than necessary.

Learn more about `srcset` and `sizes`:

- [web.dev](#)
- [mdn](#)

**quality**

`quality={75} // {number 1-100}`

The quality of the optimized image, an integer between `1` and `100`, where `100` is the best quality and therefore largest file size. Defaults to `75`.

**priority**

`priority={false} // {false} | {true}`

When true, the image will be considered high priority and [preload](#). Lazy loading is automatically disabled for images using `priority`.

You should use the `priority` property on any image detected as the [Largest Contentful Paint \(LCP\)](#) element. It may be appropriate to have multiple priority images, as different images may be the LCP element for different viewport sizes.

On this page

Props

Required Props

- src
- width
- height
- alt

Optional Props

- loader
- fill
- sizes**
- quality
- priority
- placeholder

Advanced Props

- style
- onLoadingComplete
- onLoad
- onError
- loading
- blurDataURL
- unoptimized

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