

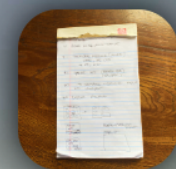


HackBook Pro

ThomasOS

Always Learning ☁

7/23/2023, 2:46:43 PM



Notes



Angel Hacks (Hack)

Carolina Hacks



Carolina Hacks is South Carolina's first student-led Hackathon for high schoolers.

At our hackathon, high schoolers will

[Watch Documentary](#)

0:00 / 4:07

ALRIGHT

Giving Giraffee (Hackathon Project)




Giving Giraffe

Clara. Thomas. Dieter

0:00 / 4:17

Welcome



ThomasOS

ThomasOS is a feature-limited OS to answer the unanswerable question of "who is Thomas?"


Photo



Notes - Welcome

Welcome
06/28/2023

Sample Text
06/28/2023




Welcome to **Hacker Notes**

This is a place where I store my thoughts as they come to mind. What exactly will you find when browsing through these notes? As I ~~once said~~ always say.

I
a
r
s
r

Epoch (Hackathon I Attended)



Monday morning, [it's] Boxing Day here in Singapore.

0:02 / 4:58

**Build Your Own personalOS
(that's all about you!)**

Part I: Welcome Screen



Welcome to ThomasOS

thomasOS is a ~~feature-rich~~ feature-limited OS designed to answer the unanswerable question of who is Thomas?

[GitHub](#)

(what you'll be starting with today)

Step 1: Fire up Replit

The screenshot displays the Replit website interface. At the top, there is a search bar with the text "Search & run commands" and a keyboard icon. Below the search bar, a promotional banner for "Ghostwriter Chat" is visible, featuring a blue ghost-like character and the text "Sarhthak, you can now chat with a coding AI directly in your IDE." Below the banner, there are buttons for "Activate Ghostwriter Chat with Pro plan" and "Learn more".

The left sidebar contains a navigation menu with the following items:

- Home
- Templates
- My Repls
- My Cycles 0
- Bounties \$63K+ Open
- Community
- Learn
- Themes
- Teams

At the bottom of the page, there is a list of "Recent Repls" with the following details:

Price	Count	Project Name
\$180.00	18,000	Astria ai ControlNet UI
\$90.00	9,000	BookWorm: Automatic book identification
\$66.60	6,660	Group travel planning with AI

A large yellow banner with the text "Replit.com" is overlaid on the bottom center of the page.

Step 2: DELETE BOILERPLATE

```
index.html x +
index.html
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width">
7   <title>replit</title>
8   <link href="style.css" rel="stylesheet" type="text/css" />
9 </head>
10
11 <body>
12   Hello world
13   <script src="script.js"></script>
14
15   <!--
16   This script places a badge on your repl's full-browser view back to your repl's cover
17   page. Try various colors for the theme: dark, light, red, orange, yellow, lime, green,
18   teal, blue, blurple, magenta, pink!
19   -->
20   <script src="https://replit.com/public/js/replit-badge-v2.js" theme="dark" position="bottom-right"></script>
21 </body>
```

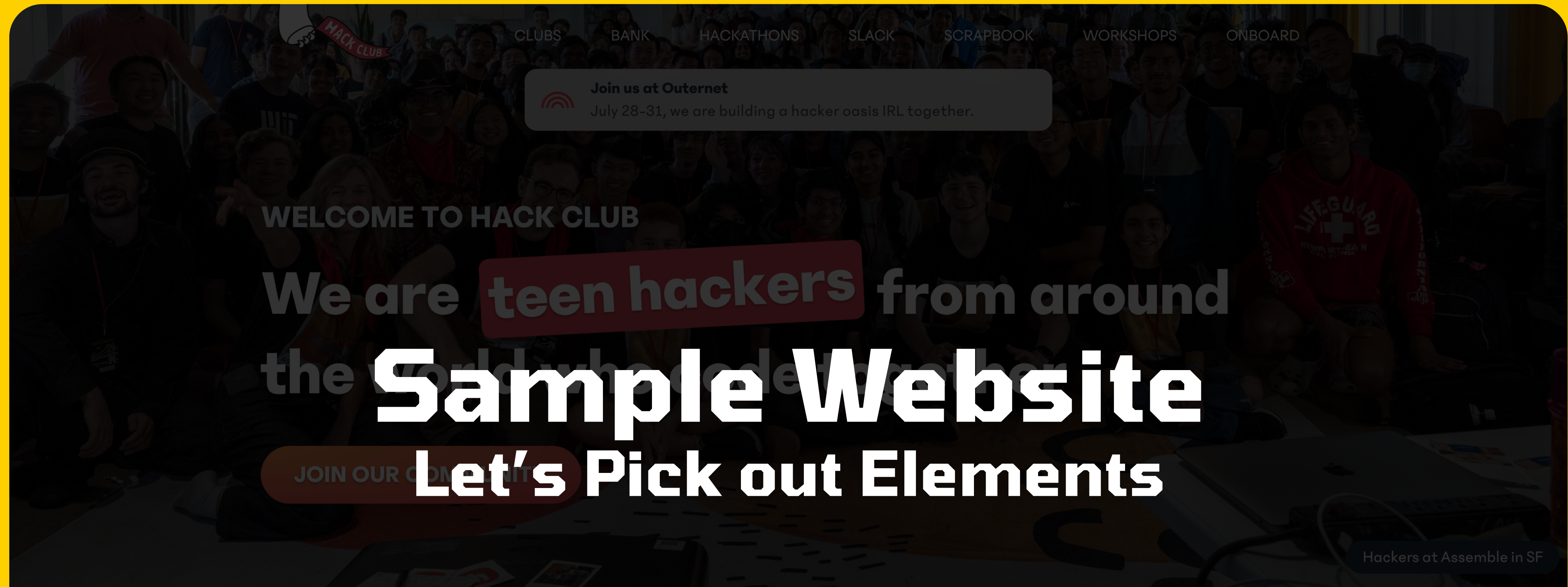

Step 3: Setup File

```
<!DOCTYPE html>  
  
<html>  
  
    <body>  
  
    </body>  
  
</html>
```


**Let's Start Building w/
the Lego Blocks of the Web...**

Elements

What's an Element?



Discover the **joy of code**, together.

Every day, thousands of Hack Clubbers gather online and in-person to make things with code. Whether you're a beginner programmer or have years of experience, there's a place for you at Hack Club. Read about our [hacker ethic](#).

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What's an Element?



Image Element

CLUBS BANK HACKATHONS SLACK SCRAPBOOK WORKSHOPS ONBOARD



Join us at Outernet

July 28-31, we are building a hacker oasis IRL together.

WELCOME TO HACK CLUB

We are **teen hackers** from around the world who code together

JOIN OUR COMMUNITY

Hackers at Assemble in SF

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Many Elements Come Together to Form a Website



An Element Looks Like:

```
<p> Hello World </p>
```


An Element Looks Like:

```
<p> Hello World </p>
```

Opening Tag

An Element Looks Like:

```
<p> Hello World </p>
```

Content

An Element Looks Like:

```
<p> Hello World </p>
```

Closing Tag

An Element Looks Like:

```
<p> Hello World </p>
```




Opening Tag

Step 4:

**Let's Make Our
First Element(s)**

**Inside the Body of Our Site
(where content lives)**


```
<body>
```

```
  <p>Hello world!</p>
```

```
</body>
```



```
<body>
```

```
  <h1>Welcome to my OS</h1>
```

```
  <p>Hello world!</p>
```

```
</body>
```



```
<body>
```

```
  <h1>Welcome to my OS</h1>
```

```
  <p>Hello world!</p>
```

```
</body>
```



```
<body>
```

```
  <h1>Welcome to my OS</h1>
```

```
  <h2>Introduction</h2>
```

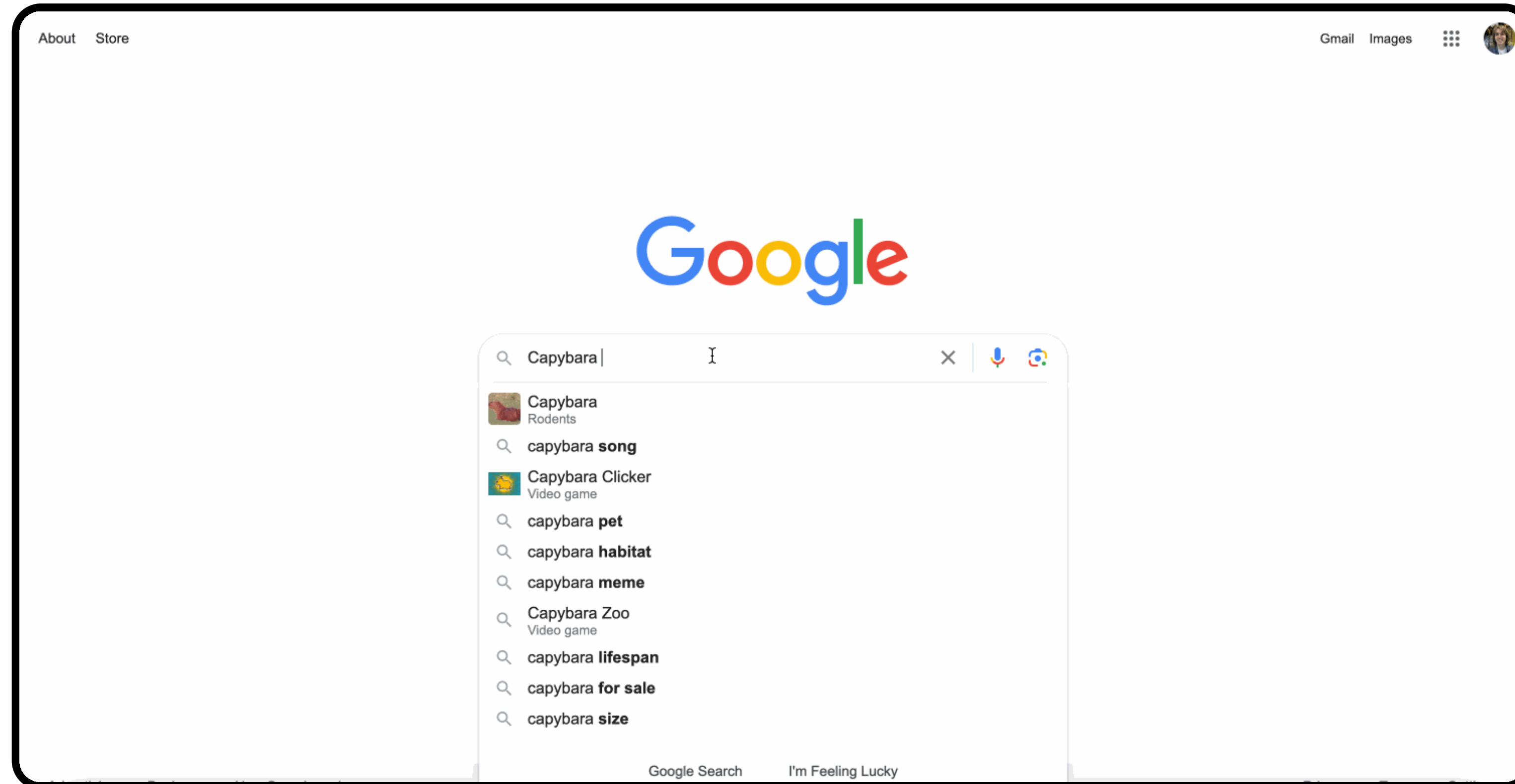
```
  <p>Hello world!</p>
```

```
</body>
```


Step 5:

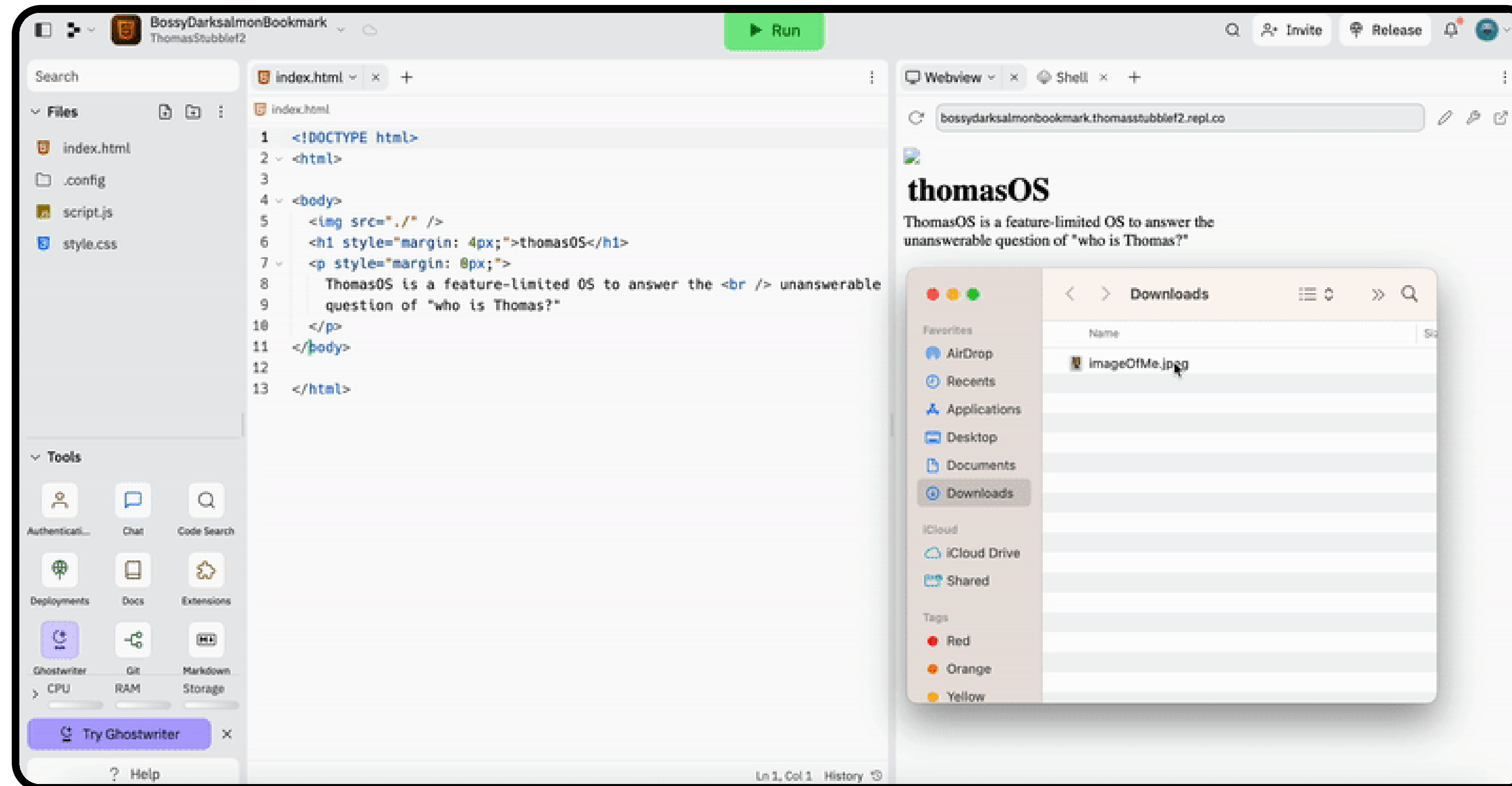
**Let's Add Our
Own Image**

Let's Add Our Own Image



FIND AN IMAGE (.png, .jpeg, etc)

Let's Add Our Own Image



DRAG INTO REPLIT

Let's Add Our Own Image

```
<body>  
  <h1>Welcome to my OS</h1>  
  <h2>Introduction</h2>  
  <p>Hello world!</p>  
    
</body>
```

CREATE IMAGE ELEMENT

**Boom Great!
We have an
image now!**

Webview × Shell × +

bossydarksalmonbookmark.thomasstubblef2.repl.co

Welcome to my OS

Introduction

Hello world!



Step 6:

Link to Other Sites


```
<body>
```

```
(rest of your content)
```

```
<a href="https://example.com/">label</a>
```

```
</body>
```


Step 7:

Personalize Site

**Change the
content of the site
to be personally
relevant to you**

**Find Some Cool
Tags on the W3
Tags Site and Add
Them To Your Site**

here are some tags we really like:

- **<s>Strike Through</s>**
- **<p>break the </br> line like this</p>**
- **<p>use strong to bold text</p>**
- **<p> <dfn>DFN Tag</dfn> is a tag that marks something being defined</p>**
- **<p><abbr title="abbreviation">abbr</abbr> is a tag that marks an abbreviated term</p>**



Let's Start

STYLING



What's a style?

What's a style?

A style is a property-value pair that changes the way an element looks.

What's a style?

A style is a property-value pair that changes the way an element looks.

example:

```
<tag style="property: value"> content </tag>
```


Write Your First Style

```
<body style="background-color: #c9ffc9">  
    // your content//  
</body>
```

Add a Background Color

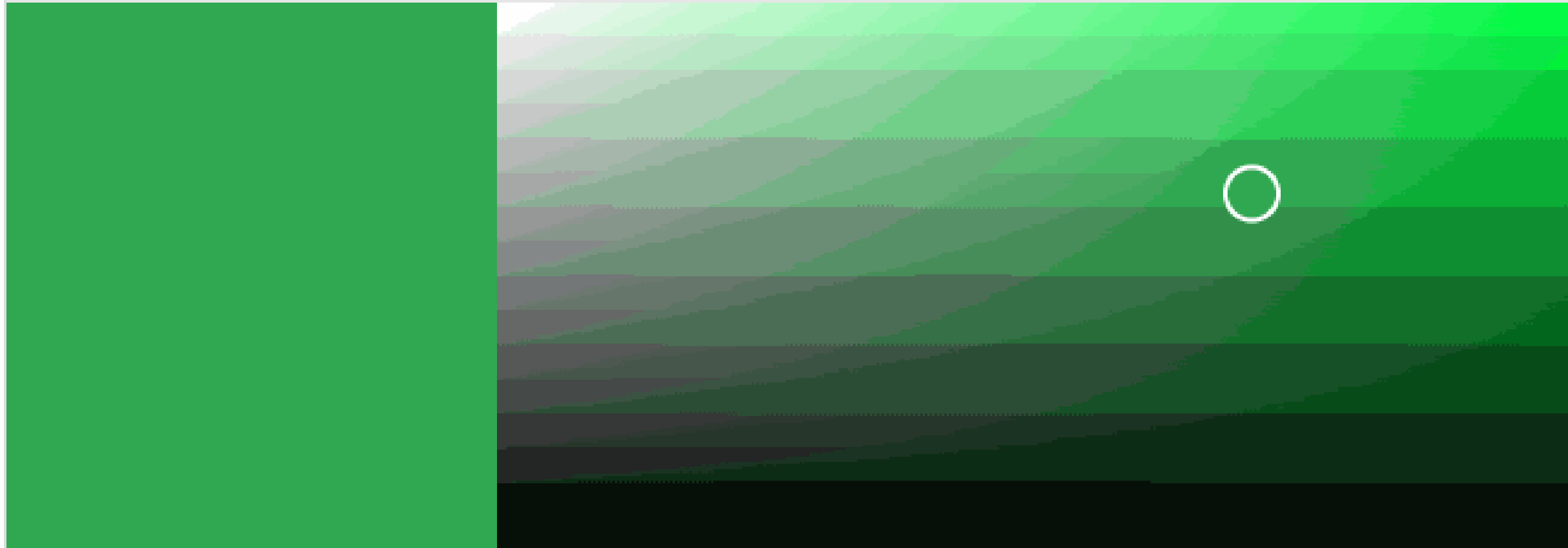
Customize Hex Code

Google hex color picker

From image Chrome iPhone From webpage Wheel Images Google RGB

About 9,980,000 results (0.30 seconds)

Color picker



HEX #32a852

RGB 50, 168, 82

CMYK 70%, 0%, 51%, 34%

HSV 136°, 70%, 66%

HSL 136°, 54%, 43%

Feedback

Customize Image Size

```

```

(whatever size you like)

Is your image crunched?



Try Googling a Solution

**Couldn't find it? Here
you go:**

```

```

Customize

Roundness

```

```




cool!

customize font

customize font

customize font

customize font

font-size: 16px

**(or whatever size
you want)**

Head over to W3

Library of browser-

built-in fonts

**font-family: Helvetica,
Noto Sans, sans-serif**

(or whatever font(s) you want)

**(browser will use the first font in the list
that is available)**

Customize Spacing



MARGIN



Margin = Space Between



Padding = Space Within

Let's Change Our Margin



thomasOS

ThomasOS is a feature-limited OS to answer the unanswerable question of "who is Thomas?"

```
Elements Console Sources Network >> 1 | ⚙️ ⋮ ✕  
<!DOCTYPE html>  
<html>  
  <head></head>  
  <body style="font-family: Noto Sans, sans-serif">  
      
    <h1>thomasOS</h1> == $0  
    <p>...</p>  
  </body>  
</html>
```

**You Could Add Some
Padding to the H1:**

```
<h1 style="padding: 4px;  
background-color: #000;  
color: #fff">Content</h1>
```


Or Change Your Margin


```
<h1 style="margin: 0px;">  
Content </h1>
```

```
index.html × +
index.html
1 <!DOCTYPE html>
2 <html>
3
4 <body style="font-family: Noto Sans, sans-serif">
5   
9   <h1 style="margin: 4px;">thomasOS</h1>
10  <p style="margin: 0px;">
11    <dfn>ThomasOS</dfn> is a feature-limited <abbr
12    title="Operating System">OS</abbr> to answer the <br />
13    unanswerable
14    question of <code>"who is Thomas?"</code>
15  </p>
16 </body>
17 </html>
```

Ln 14, Col 8 History ↻

Webview × Shell × +

bossydarksalmonbookmark.thomasstubblef2.repl.co



thomasOS

ThomasOS is a feature-limited OS to answer the unanswerable question of "who is Thomas?"

We're Done For Part 1!
Thanks for Coming!