

HTML Title

Textbook

HTML Title

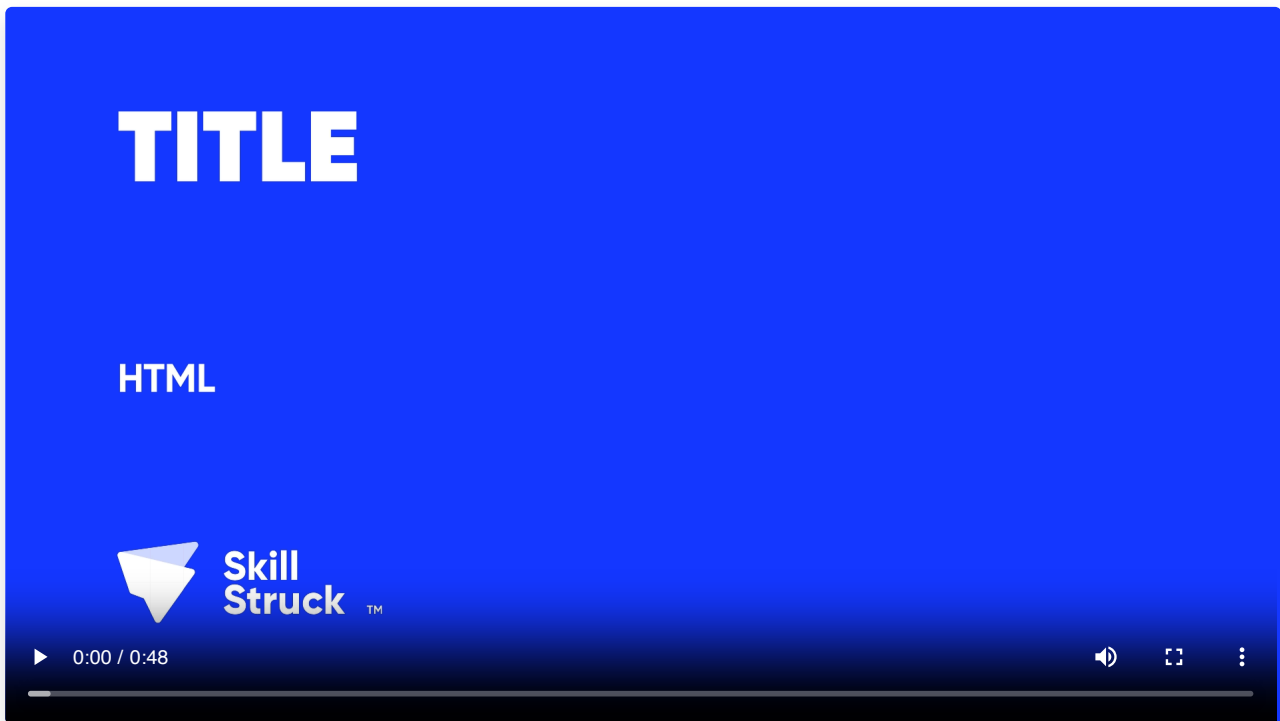


Browser Tabs and Titles

The [title](#), nested inside the `<head>` tag, changes the words in the tab of an internet browser. Note: Changing the title in your code editor on this page will not change the title of the tab where you are viewing this content. However, if you **open your preview in a new tab**, you will see the tab text has changed to match your title.

Title example

```
1 <html>
2   <head>
3     <title>My Epic Website About Elephants</title>
4   </head>
5   <body>
6     <h1>Facts about elephants!</h1>
7   </body>
```



Editing All Instances of a Word At Once

Sometime you'll want to edit all instances of a word in a chunk of code at once. This is done by highlighting the code you want, then press **command + shift + L**. (Or **ctrl + shift + L**). This will highlight all of the places in your code where that word appears and allows you to edit them all at once. You can create more code faster with this keyboard shortcut.

Commenting Code

Because coding can quickly become complicated, commenting was invented. A [comment](#) is anything the computer ignores while running/loading the page. Comments can be used for notes or bits and pieces of code that you want to remember. Commenting is different for HTML and CSS.

Why is it important to make code easy to read?

Making code readable is important for many reasons. In many situations, you will not be the only one looking at the code, and no one likes to try and understand code that is not well organized.

When writing a ton of code, you can often get lost in your own code if you haven't left yourself comments explaining what certain sections of code accomplish. Get into the habit of commenting your code.

HTML comment example

```
1 <!-- This is a single line comment -->
```

Checkpoint

HTML Title

Create an epic **title** for your website and see how it looks in its own tab.

Make sure you put it in the **head tag**.

Requirements:

- Create a title that exists inside the head tag.

Questions (5)

1. What does the title tag do?

MULTIPLE CHOICE

Choose the correct answer:

- A. Adds a caption to each image in the webpage.
- B. Adds a title that goes in at the beginning of the webpage.
- C. Adds a title to the tab for the website in the internet browser.
- D. Adds a title to each section of code in the website.

2. Edit the text box below to debug (fix) the code:

DEBUG CODE

Code to Debug:

```
1 <title>Sushi Website<title>
```

3. What tag is the <title> tag nested inside?

MULTIPLE CHOICE

Choose the correct answer:

- A. <head>
- B. <body>
- C. <foot>
- D. <h1>

4. Edit the text box below to debug (fix) the code:

DEBUG CODE

Code to Debug:

```
1 <title Sushi Website title>
```

5. Edit the text box below to debug (fix) the code:

DEBUG CODE

Code to Debug:

```
1 <Title>Pizza Website</Title>
```

Challenges (8)

1. Resume Title

Pretend that you have just created a professional website all about you. You plan to use this website as a kind of resume to apply for jobs in the future.

Create a `<title>` tag inside a `<head>` tag that would go well with your resume website.

Example Output:

All about me:

Hard-Working

3.85 GPA

Student-Body Secretary

Requirements:

- Put a title tag inside the head tag.

2. Worst Website Title Ever

Create a website title tag that has the worst title you can come up with. This title will make it so NOBODY would want to click on that tab EVER. Make sure the `<title>` tag is inside the `<head>` tag.

Example Output:

The worst website title ever!:

myboringlameweirdwebsite

Requirements:

- Title tag inside the head tag.

3. Spy World

You have been assigned to a new spy mission. Your objective is to follow and gain information on an informant to a foreign government.

Create **2 heading tags** with a description of what notes you have taken from your mission.

Style the body tag with a **black background color** and style the header tags with **white colored text**.

Make sure to include all the proper structure tags (**doctype, html, head, body, title**).

In the title tag, put `Mission 002645`

Example Output:

The suspect has entered the room and is talking with another associate about plans

The other person has just handed the suspect a flash drive

Requirements:

- Body tag styled with black background color.
- 2 heading tags styled with white text color with mission notes.
- HTML Structure with a title tag that includes `Mission 002645`.
- HTML Structure with only one Doctype Tag. (just an opening)
- HTML Structure with only one complete html tag. (opening and closing)

4. Lemonade Stand

Your sister Leslie has a lemonade stand where she sells cold drinks to your neighbors. With everything you have learned so far, you've decided to create a website for her little business.

Create a new file for the lemonade stand site. Include correct HTML structure (**doctype**, **html**, **head**, and **body tags**).

Include **3 heading tags**. Make sure the header tags are styled with **text color** and **font-families**. Give the body tag a **background color**.

Make sure to give the website a **title tag**!

Example Output:

Leslie's Lemonade Stand!

Come enjoy a tasty drink of cold lemonade!

Only 25 cents!

Requirements:

- Included proper HTML structure.
- A title tag in the heading tag.
- Background color on the body tag.
- Font family on the heading tags.
- Font color on the heading tags.
- HTML Structure with only one Doctype Tag. (just an opening)
- HTML Structure with only one complete html tag. (opening and closing)
- HTML Structure with only one complete body tag. (opening and closing)

5. Visit to Saturn

You get to go on a field trip to Saturn! Create all the proper html structure tags (**doctype, html, head, title, body**).

Put `Field Trip to Saturn` in the title tag.

Style the body tag with a **tan background color**.

Inside the body tag make **3 h1 tags** all styled in different **fonts** and say why you would like to visit the planet Saturn.

Example Output:

Saturn is so big with lots to be explored!

I want to see its rings

I also want to see Saturn's moons

Requirements:

- Style body with tan background color.
- 3 h1 tags styled with different fonts that say why you want to visit Saturn.
- HTML Structure with a title tag that says `Field Trip to Saturn` .
- HTML Structure with only one Doctype Tag. (just an opening)
- HTML Structure with only one complete html tag. (opening and closing)
- HTML Structure with only one complete body tag. (opening and closing)

6. Jungle Adventure

Travel the immense Amazon jungle of Brazil. Create all the proper html structure tags (**doctype**, **html**, **head**, **title**, **body**).

Put `Jungle Adventure` in the title tag.

Style the body tag with a **green background color**.

Inside the body tag, make **5 heading tags all styled** with different fonts and different colors.

Inside each tag, put a creature that you saw in the jungle on your trip.

Example Output:



Tiger

Gorilla

Monkey

Leopard

Frog

Requirements:

- Style body tag with green background color.
- Include 5 heading tags styled with different fonts and colored text. Inside the tags say a creature you saw on the trip.
- HTML Structure with a title tag that says `Jungle Adventure` .
- HTML Structure with only one Doctype Tag. (just an opening)
- HTML Structure with only one complete html tag. (opening and closing)
- HTML Structure with only one complete body tag. (opening and closing)

7. Aquarium Visit

You want to make a report on your recent visit to the aquarium. Include the proper HTML structure of (**doctype**, **html**, **head**, and **body tags**).

Include at least **4 heading tags**. Include at least **1 element style feature** for each header tag.

Example Output:

Tropical Fish!

Lots of jellyfish

Some sting rays

Even a shark!

Requirements:

- Include the proper HTML declarations.
- Include at least 4 heading tags.
- Include a style attribute with at least one property in each heading tag.
- Include a title tag for your website. (title should be: `Aquarium Visit`)
- HTML Structure with only one Doctype Tag. (just an opening)
- HTML Structure with only one complete html tag. (opening and closing)
- HTML Structure with only one complete body tag. (opening and closing)

8. Coding Rocks

Create a website that explains why you think computer programming rocks! Your website should contain a title tag that says: **Coding Rocks!**

In your website, make sure to include the proper html structure declarations (**Doctype, html, Head, Body**)

Include the following heading tags (**h1,h1,h2,h2,h3**) These tags can say anything that you would like about why you think coding rocks!

Example Output:

Coding makes you feel smart!

It's like a puzzle

You can be very creative with coding!

You can also build cool websites!

Coding is used in so many ways! Phones, video games, TV

We can change the world with code!

Requirements:

- Include the proper HTML structure tags.
- Include a title tag that says: **Coding Rocks!**
- Include 2 h1 tags that say why coding rocks.
- Include 2 h2 tags that say why coding rocks.
- Include an h3 tag that say why coding rocks.
- HTML Structure with only one Doctype Tag. (just an opening)
- HTML Structure with only one complete html tag. (opening and closing)
- HTML Structure with only one complete body tag. (opening and closing)

Games (2)

1. HTML Title Ordering

Order the code so it has the title tag in correct HTML structure.

Full Screen

Audio

Instructions

Answer Key

Pause

Clear All

Check Matches

Attempts: 0

<!DOCTYPE html>

<html>

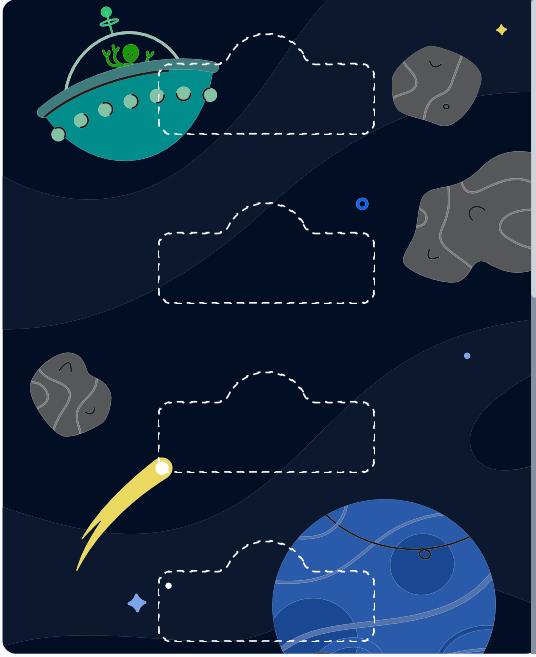
<head>

</head>

<body>

</body>

<title>My Awesome Website</title>



2. HTML Title Typing

Practice your typing skills with coding keys! Type in the following code.


Full Screen

Audio

Instructions

Restart

Pause



0s100%

<head> <title>My Awesor

Answer Keys & Solutions

Checkpoint Solutions

HTML Title

```
1 <head>
2   <title>The Most Epic Website</title>
3 </head>
```

Questions

1. What does the title tag do?

MULTIPLE CHOICE

Correct Answer:

- A. Adds a caption to each image in the webpage. ✗ Incorrect
- B. Adds a title that goes in at the beginning of the webpage. ✗ Incorrect
- C. Adds a title to the tab for the website in the internet browser. ✓ Correct
- D. Adds a title to each section of code in the website. ✗ Incorrect

Explanation:

The title tag's effect can only be seen when your website is open in a separate tab in your browser.

2. Edit the text box below to debug (fix) the code:

DEBUG CODE

Incorrect Code:

```
1 <title>Sushi Website<title>
```

Correct Solution:

```
1 <title>Sushi Website</title>
```

Explanation:

Don't forget the closing slash /

3. What tag is the <title> tag nested inside?

Correct Answer:

- | | |
|-----------|-------------|
| A. <head> | ✓ Correct |
| B. <body> | ✗ Incorrect |
| C. <foot> | ✗ Incorrect |
| D. <h1> | ✗ Incorrect |

Explanation:

The <head> tag contains information that doesn't directly show up on the website.

4. Edit the text box below to debug (fix) the code:

Incorrect Code:

```
1 <title Sushi Website title>
```

Correct Solution:

```
1 <title>Sushi Website</title>
```

Explanation:

This code is missing some angle brackets

5. Edit the text box below to debug (fix) the code:

Incorrect Code:

```
1 <Title>Pizza Website</Title>
```

Correct Solution:

```
1 <title>Pizza Website</title>
```

Explanation:

There's something that shouldn't be capitalized.

1. Resume Title

Solution:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Sam's Resume Website</title>
5   </head>
6   <body style="background-color:yellow">
7     <h1 style="font-family:apple chancery">All about me:</h1>
8     <h3 style="font-family:tahoma">Hard-Working</h3>
9     <h3 style="font-family:tahoma">3.85 GPA</h3>
10    <h3 style="font-family:tahoma">Student-Body Secretary</h3>
11  </body>
12 </html>
```

2. Worst Website Title Ever

Solution:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Worst Website Ever</title>
5   </head>
6   <body style="background-color:brown">
7     <h1 style="font-family:broadway;color:yellow">The worst website title ever!:</h1>
8     <h3 style="font-family:calibri;color:pink">myboringlameweirdwebsite</h3>
9   </body>
10 </html>
```

3. Spy World

Solution:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Mission 002645</title>
5   </head>
6
7   <body style="background-color: black">
8     <h1 style="font-family: arial; color: white">The suspect has entered the room and
9     is talking with another associate about plans</h1>
10    <h1 style="font-family: arial; color: white">The other person has just handed the
11    suspect a flash drive</h1>
```

```
10 </body>
11 </html>
```

4. Lemonade Stand

Solution:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Leslie's Lemonade</title>
5   </head>
6
7   <body style="background-color: lightyellow">
8
9     <h1 style="font-family: chalkduster; color: navy">Leslie's Lemonade Stand!</h1>
10    <h3 style="font-family: fantasy; color: orange">Come enjoy a tasty drink of cold
    lemonade!</h3>
11    <h3 style="font-family: chalkduster; color: navy">Only 25 cents!</h3>
12
13  </body>
14 </html>
```

5. Visit to Saturn

Solution:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Field Trip to Saturn</title>
5   </head>
6   <body style="background-color:tan">
7     <h1 style="font-family:tahoma;color:gold">Saturn is so big with lots to be
    explored!</h1>
8     <h1 style="font-family:courier;color:black">I want to see its rings</h1>
9     <h1 style="font-family:times new roman;color:red">I also want to see Saturn's
    moons</h1>
10  </body>
11 </html>
```

6. Jungle Adventure

Solution:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Jungle Adventure</title>
5   </head>
6
7   <body style="background-color: green">
8
9     <h1 style="font-family: chalkduster; color: navy">Tiger</h1>
10    <h1 style="font-family: tahoma; color: white">Gorilla</h1>
11    <h1 style="font-family: arial; color: yellow">Monkey</h1>
12    <h1 style="font-family: calibri; color: pink">Leopard</h1>
13    <h1 style="font-family: chalkboard; color: red">Frog</h1>
14
15  </body>
16 </html>
```

7. Aquarium Visit

Solution:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Aquarium Visit</title>
5   </head>
6   <body>
7     <h1 style="font-family:calibri;color:orange">Tropical Fish!</h1>
8     <h2 style="font-family:tahoma; color:blue">Lots of jellyfish</h2>
9     <h1 style="font-family:calibri;color:gray">Some sting rays</h1>
10    <h2 style="font-family:tahome;color:brown">Even a shark!</h2>
11  </body>
12 </html>
```

8. Coding Rocks

Solution:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Coding Rocks!</title>
5   </head>
6   <body style="background-color:gold">
```

```
7      <h1 style="font-family:rockwell;color:black">Coding makes you feel smart!</h1>
8      <h1 style="font-family:rockwell;color:black">It's like a puzzle</h1>
9      <h2 style="font-family:tahoma;color:white">You can be very creative with coding!
</h2>
10     <h2 style="font-family:tahoma;color:white">You can also build cool websites!</h2>
11     <h3 style="font-family:calibri;color:purple">Coding is used in so many ways!
Phones, video games, TV</h3>
12     <h3 style="font-family:calibri;color:purple">myboringlameweirdwebsite</h3>
13   </body>
14 </html>
```

Games

1. HTML Title Ordering

Correct Order:

1. <!DOCTYPE html>
2. <html>
3. <head>
4. <title>My Awesome Website</title>
5. </head>
6. <body>
7. </body>
8. </html>

Students must arrange items in the correct sequence.

2. HTML Title Typing

Typing game - no answer key needed. Students practice typing the provided content.