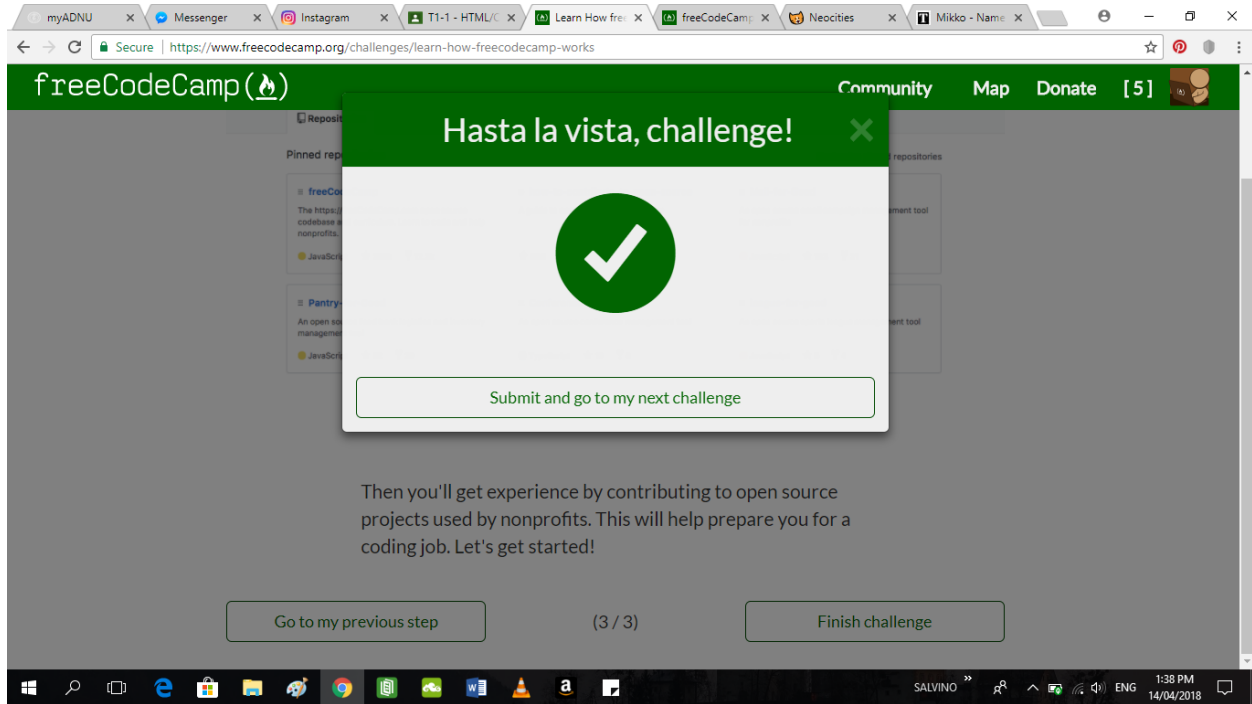
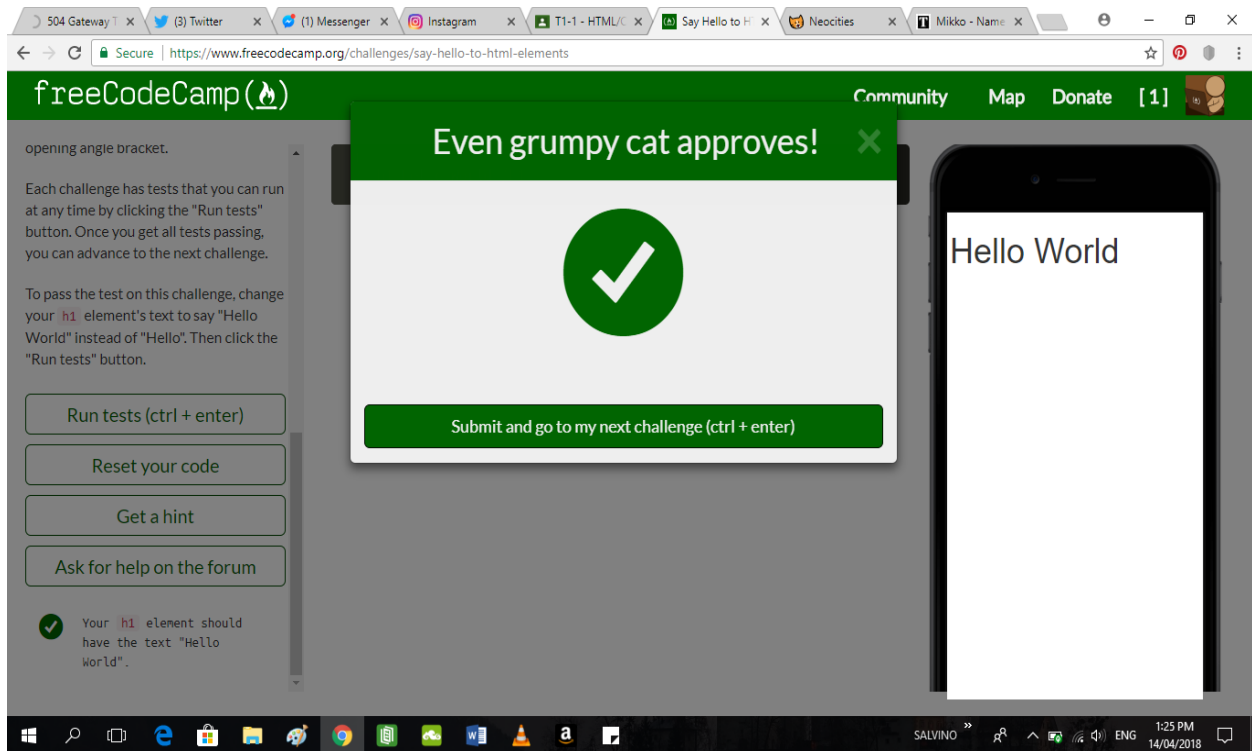


# T1-1 - HTML/CSS exercises (FreeCodeCamp) - Part 1 of 3

## 1 - Learn How freeCodeCamp Works



## 2 - Say Hello to HTML Elements



### 3 - Headline with the h2 Element

The screenshot shows the freeCodeCamp interface for the challenge "Headline with the h2 Element". The browser address bar shows the URL <https://www.freecodecamp.org/challenges/headline-with-the-h2-element>. The page features a green header with the freeCodeCamp logo and navigation links for "Community", "Map", and "Donate". A large green notification box in the center reads "You've got this!" with a white checkmark icon and a button that says "Submit and go to my next challenge (ctrl + enter)". To the right, a mobile phone preview displays the text "Hello World" and "CatPhotoApp". On the left, the challenge instructions are visible, explaining the use of the `h2` element. Below the instructions are buttons for "Run tests (ctrl + enter)", "Reset your code", "Get a hint", and "Ask for help on the forum". The Windows taskbar at the bottom shows the time as 1:28 PM on 14/04/2018.

### 4 - Inform with the Paragraph Element

The screenshot shows the freeCodeCamp interface for the challenge "Inform with the Paragraph Element". The browser address bar shows the URL <https://www.freecodecamp.org/challenges/inform-with-the-paragraph-element>. The page features a green header with the freeCodeCamp logo and navigation links for "Community", "Map", and "Donate". A large green notification box in the center reads "You're on fire!" with a white checkmark icon and a button that says "Submit and go to my next challenge (ctrl + enter)". To the right, a mobile phone preview displays the text "Hello World", "CatPhotoApp", and "Hello Paragraph". On the left, the challenge instructions are visible, explaining the use of the `p` element. Below the instructions are buttons for "Run tests (ctrl + enter)", "Reset your code", "Get a hint", and "Ask for help on the forum". A list of test results is shown at the bottom left, all marked with green checkmarks. The Windows taskbar at the bottom shows the time as 1:32 PM on 14/04/2018.

## 5 - Uncomment HTML

The screenshot shows a web browser window with the freeCodeCamp interface. The URL is <https://www.freecodecamp.org/challenges/inform-with-the-paragraph-element>. The page title is "freeCodeCamp (🔥)". The challenge instructions are: "You can create a `p` element like this: `<p>I'm a p tag!</p>`. Create a `p` element below your `h2` element, and give it the text 'Hello Paragraph'." The challenge is completed, and a green success message box says "You're on fire!" with a large green checkmark. Below the message is a button that says "Submit and go to my next challenge (ctrl + enter)". To the right, a preview of the code execution shows a mobile phone screen with the text: "Hello World", "CatPhotoApp", and "Hello Paragraph". The left sidebar contains buttons for "Run tests (ctrl + enter)", "Reset your code", "Get a hint", and "Ask for help on the forum". Below these are three green checkmarks indicating successful test results: "Create a `p` element.", "Your `p` element should have the text 'Hello Paragraph'.", and "Make sure your `p` element has a closing tag." The Windows taskbar at the bottom shows the time as 1:32 PM on 14/04/2018.

## 6 - Comment out HTML

The screenshot shows a web browser window with the freeCodeCamp interface. The URL is <https://www.freecodecamp.org/challenges/uncomment-html>. The page title is "freeCodeCamp (🔥)". The challenge instructions are: "elements. Make your `h1` element visible on your page by uncommenting it. Make your `h2` element visible on your page by uncommenting it. Make your `p` element visible on your page by uncommenting it. Be sure to delete all trailing comment tags, i.e. `-->`." The challenge is completed, and a green success message box says "Passed with flying colors!" with a large green checkmark. Below the message is a button that says "Submit and go to my next challenge (ctrl + enter)". To the right, a preview of the code execution shows a mobile phone screen with the text: "Hello World", "CatPhotoApp", and "Hello Paragraph". The left sidebar contains buttons for "Run tests (ctrl + enter)", "Reset your code", "Get a hint", and "Ask for help on the forum". Below these are four green checkmarks indicating successful test results: "Make your `h1` element visible on your page by uncommenting it.", "Make your `h2` element visible on your page by uncommenting it.", "Make your `p` element visible on your page by uncommenting it.", and "Be sure to delete all trailing comment tags, i.e. `-->`." The Windows taskbar at the bottom shows the time as 1:36 PM on 14/04/2018.

## 7 - Fill in the Blank with Placeholder Text

The screenshot shows a web browser window with the URL <https://www.freecodecamp.org/challenges/fill-in-the-blank-with-placeholder-text>. The page features a green header with the freeCodeCamp logo and navigation links for Community, Map, and Donate. A central modal window displays a green checkmark and the text "Shiver me timbers!" with a button that says "Submit and go to my next challenge (ctrl + enter)". To the left, the challenge instructions are visible, including a code editor with placeholder text and buttons for "Run tests (ctrl + enter)", "Reset your code", "Get a hint", and "Ask for help on the forum". A list of test results shows a green checkmark for the instruction: "Your p element should contain the first few words of the provided kitty ipsum text." To the right, a mobile phone mockup displays the text "Hello World" and "CatPhotoApp" followed by a paragraph of ipsum text.

## 8 - Delete HTML Elements

The screenshot shows a web browser window with the URL <https://www.freecodecamp.org/challenges/delete-html-elements>. The page features a green header with the freeCodeCamp logo and navigation links for Community, Map, and Donate. A central modal window displays a green checkmark and the text "One for the guinness book!" with a button that says "Submit and go to my next challenge (ctrl + enter)". To the left, the challenge instructions are visible, including a code editor with placeholder text and buttons for "Run tests (ctrl + enter)", "Reset your code", "Get a hint", and "Ask for help on the forum". A list of test results shows three green checkmarks for the instructions: "Delete your h1 element.", "Leave your h2 element on the page.", and "Leave your p element on the page." To the right, a mobile phone mockup displays the text "CatPhotoApp" followed by a paragraph of ipsum text.

## 9 - Change the Color of Text

The screenshot shows a web browser window with the URL <https://www.freecodecamp.org/challenges/change-the-font-size-of-an-element>. The page features a green header with the freeCodeCamp logo and navigation links for 'Community', 'Map', and 'Donate'. A central green banner reads 'You're on fire!' with a large green checkmark icon. Below the banner is a white box with the text 'Submit and go to my next challenge (ctrl + enter)'. On the left, a sidebar contains instructions and a list of six green checkmarks indicating progress. On the right, a smartphone mockup displays the 'CatPhotoApp' with red text: 'Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff.' Below this is a paragraph of placeholder text: 'Purr jump eat the grass rip the couch scratched sunbathe, shed everywhere rip the couch sleep in the sink fluffy fur catnip scratched.'

## 10 - Use CSS Selectors to Style Elements

The screenshot shows a web browser window with the URL <https://www.freecodecamp.org/challenges/use-css-selectors-to-style-elements>. The page features a green header with the freeCodeCamp logo and navigation links for 'Community', 'Map', and 'Donate'. A central green banner reads 'And you're all out of gum.' with a large green checkmark icon. Below the banner is a white box with the text 'Submit and go to my next challenge (ctrl + enter)'. On the left, a sidebar contains instructions and a list of two green checkmarks indicating progress. On the right, a smartphone mockup displays the 'CatPhotoApp' with blue text: 'Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff.'

## 11 - Use a CSS Class to Style an Element

The screenshot shows the freeCodeCamp interface for challenge 11. The browser address bar displays the URL <https://www.freecodecamp.org/challenges/use-a-css-class-to-style-an-element>. The challenge title is "Use a CSS Class to Style an Element". The main content area shows a code editor with the following code:

```
attribute with a value of 'red-text' .
```

Below the code editor are buttons for "Run tests (ctrl + enter)", "Reset your code", "Get a hint", and "Ask for help on the forum". The test results on the left show four green checkmarks, indicating that all tests passed:

- ✓ Your `h2` element should be red.
- ✓ Your `h2` element should have the class `red-text`.
- ✓ Your stylesheet should declare a `red-text` class and have its color set to red.
- ✓ Do not use inline style declarations like `style="color: red"` in your `h2` element.

A large green modal window is centered on the screen with the text "Here's looking at you, Code!" and a green checkmark icon. Below the modal is a button that says "Submit and go to my next challenge (ctrl + enter)". To the right of the modal is a preview of the "CatPhotoApp" with the text "CatPhotoApp" in red and the paragraph "Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff." in red.

## 12 - Style Multiple Elements with a CSS Class

The screenshot shows the freeCodeCamp interface for challenge 12. The browser address bar displays the URL <https://www.freecodecamp.org/challenges/style-multiple-elements-with-a-css-class>. The challenge title is "Style Multiple Elements with a CSS Class". The main content area shows a code editor with the following code:

```
<h2 class="blue-text">CatPhotoApp</h2>
```

Below the code editor are buttons for "Run tests (ctrl + enter)", "Reset your code", "Get a hint", and "Ask for help on the forum". The test results on the left show four green checkmarks, indicating that all tests passed:

- ✓ Your `h2` element should be red.
- ✓ Your `h2` element should have the class `red-text`.
- ✓ Your `p` element should be red.
- ✓ Your `p` element should have the class `red-text`.

A large green modal window is centered on the screen with the text "Checkmate!" and a green checkmark icon. Below the modal is a button that says "Submit and go to my next challenge (ctrl + enter)". To the right of the modal is a preview of the "CatPhotoApp" with the text "CatPhotoApp" in red and the paragraph "Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff." in red.

## 13 - Change the Font Size of an Element

The screenshot shows a web browser window with the URL <https://www.freecodecamp.org/challenges/change-the-font-size-of-an-element>. The page features a green header with the freeCodeCamp logo and navigation links for Community, Map, and Donate. A central green notification box displays "You're on fire!" with a large green checkmark and a button that says "Submit and go to my next challenge (ctrl + enter)". To the left, a list of instructions is visible, including: "You need 2 p elements with Kitty Ipsum text.", "Make sure each of your p elements has a closing tag.", "Your p element should contain the first few words of the provided additional kitty ipsum text.", "The first p element should have the class red-text.", "Do not add a class attribute to the second p element.", and "Between the style tags, give the p elements font-size of 16px. Browser and Text zoom should be at 100%". On the right, a smartphone mockup displays the "CatPhotoApp" with red text: "Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff." and "Purr jump eat the grass rip the couch scratched sunbathe, shed everywhere rip the couch sleep in the sink fluffy fur catnip scratched."

## 14 - Set the Font Family of an Element

The screenshot shows a web browser window with the URL <https://www.freecodecamp.org/challenges/set-the-font-family-of-an-element>. The page features a green header with the freeCodeCamp logo and navigation links for Community, Map, and Donate. A central green notification box displays "It's on like Donkey Kong!" with a large green checkmark and a button that says "Submit and go to my next challenge (ctrl + enter)". To the left, instructions are visible, including: "The font-family property is used by setting the font-family property.", "For example, if you wanted to set your h2 element's font to Sans-serif, you would use the following CSS:", a code block showing 

```
h2 { font-family: Sans-serif; }
```

, and "Make all of your p elements use the Monospace font." Below these are buttons for "Run tests (ctrl + enter)", "Reset your code", "Get a hint", and "Ask for help on the forum". A single instruction at the bottom states: "Your p elements should use the font Monospace". On the right, a smartphone mockup displays the "CatPhotoApp" with red text: "Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff." and "Purr jump eat the grass rip the couch scratched sunbathe, shed everywhere rip the couch sleep in the sink fluffy fur catnip scratched."

## 15 - Import a Google Font

The screenshot shows the freeCodeCamp interface for challenge 15. The challenge title is "The town is now red!". A large green checkmark indicates the challenge is complete. Below the checkmark is a button that says "Submit and go to my next challenge (ctrl + enter)". The code editor shows the following code:

```
17 hairball run catnip eat the grass sniff.</p>
18 <p class="red-text">Purr jump eat the grass rip the couch
scratched sunbathe, shed everywhere rip the couch sleep in the
sink fluffy fur catnip scratched.</p>
```

The preview on the right shows the "CatPhotoApp" with the text "Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff." and "Purr jump eat the grass rip the couch scratched sunbathe, shed everywhere rip the couch sleep in the sink fluffy fur catnip scratched." in red.

## 16 - Specify How Fonts Should Degrade

The screenshot shows the freeCodeCamp interface for challenge 16. The challenge title is "Woo-hoo!". A large green checkmark indicates the challenge is complete. Below the checkmark is a button that says "Submit and go to my next challenge (ctrl + enter)". The code editor shows the following code:

```
18
19 <h2 class="red-text">CatPhotoApp</h2>
20
21 <p class="red-text">Kitty ipsum dolor sit amet, shed everywhere
shed everywhere stretching attack your ankles chase the red dot,
hairball run catnip eat the grass sniff.</p>
22 <p class="red-text">Purr jump eat the grass rip the couch
scratched sunbathe, shed everywhere rip the couch sleep in the
sink fluffy fur catnip scratched.</p>
23
```

The preview on the right shows the "CatPhotoApp" with the text "Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff." and "Purr jump eat the grass rip the couch scratched sunbathe, shed everywhere rip the couch sleep in the sink fluffy fur catnip scratched." in red.



## 17 - Add Images to your Website

Note that in most cases, `img` elements are self-closing.

Try it with this image:

<https://bit.ly/fcc-relaxing-cat>

Run tests (ctrl + enter)

Reset your code

Get a hint

Ask for help on the forum

- ✓ Your page should have an image element.
- ✓ Your image should have a `src` attribute that points to the kitten image.
- ✓ Your image element must have an `alt` attribute.

```
18 <h2 class="red-text">CatPhotoApp</h2>
19
20 <p class="red-text">Kitty ipsum dolor sit amet, shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff.</p>
21 <p class="red-text">Purr jump eat the grass rip the couch scratched sunbathe, shed everywhere rip the couch sleep in the sink fluffy fur catnip scratched.</p>
22
```

Submit and go to my next challenge (ctrl + enter)

Community Map Donate [16]

2:18 PM 14/04/2018

## 18 - Size your Images

and use it to resize the image so that it's only 100 pixels wide.

Note

Due to browser implementation differences, you may need to be at 100% zoom to pass the tests on this challenge.

Run tests (ctrl + enter)

Reset your code

Get a hint

Ask for help on the forum

- ✓ Your `img` element should have the class `smaller-image`.
- ✓ Your image should be 100 pixels wide. Browser zoom should be at 100%.

```
18 <h2 class="red-text">CatPhotoApp</h2>
19
20 
21
22 <p class="red-text">Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff.</p>
23 <p class="red-text">Purr jump eat the grass rip the couch scratched sunbathe, shed everywhere rip the couch sleep in the sink fluffy fur catnip scratched.</p>
24
25
```

Submit and go to my next challenge (ctrl + enter)

Community Map Donate [17]

2:21 PM 14/04/2018

## 19 - Add Borders Around your Elements

The screenshot shows the freeCodeCamp interface for challenge 19. A green success banner at the top reads "Off the charts!" with a large green checkmark. Below the banner is a button that says "Submit and go to my next challenge (ctrl + enter)". The code editor displays the following code:

```
23 .smaller-image {
24   width: 100px;
25 }
26 </style>
27
28 <h2 class="red-text">CatPhotoApp</h2>
29
30 
33
34 <p class="red-text">Kitty ipsum dolor sit amet, shed
35   everywhere shed everywhere stretching attack your ankles
36   chase the red dot, hairball run catnip eat the grass sniff.</p>
37
38 <p>Purr jump eat the grass rip the couch scratched sunbathe,
39   shed everywhere rip the couch sleep in the sink fluffy fur
40   catnip scratched.</p>
41 </html>
```

On the right, a mobile preview shows the "CatPhotoApp" with a cat image and the text: "Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff." and "Purr jump eat the grass rip the couch scratched sunbathe, shed everywhere rip the couch sleep in the sink fluffy fur catnip scratched."

## 20 - Add Rounded Corners with a Border Radius

The screenshot shows the freeCodeCamp interface for challenge 20. A green success banner at the top reads "You're king of the world!" with a large green checkmark. Below the banner is a button that says "Submit and go to my next challenge (ctrl + enter)". The code editor displays the following code:

```
18 border-color: green;
19 border-width: 10px;
20 border-style: solid;
21 border-radius: 10px;
22 }
23
24 .smaller-image {
25   width: 100px;
26 }
27 </style>
```

On the right, a mobile preview shows the "CatPhotoApp" with a cat image and the text: "Kitty ipsum dolor sit amet, shed everywhere shed everywhere stretching attack your ankles chase the red dot, hairball run catnip eat the grass sniff." and "Purr jump eat the grass rip the couch scratched sunbathe, shed everywhere rip the couch sleep in the sink fluffy fur catnip scratched."