

First thing's first

Declare an array that stores a shopping list.

This array should have three categories (arrays) of the shopping items and each of these categories should be an array with at least three shopping items.

Log the 3rd item of the 2nd list of items to the console.

```
let shopping = [  
  ["yogurt", "milk", "apple juice"],  
  ["bananas", "apples", "oranges"],  
  ["rice", "pasta", "noodles"]  
]
```

```
console.log(shopping[1][2]);  
//output: oranges
```

Nation Code

HTML and CSS

Intro to HTML - Attributes



Learning Objectives

- } To understand what HTML tag attributes are and what they are used for
- } To be confident writing HTML, using best practices
- } To be familiar with some of the more advanced parts of HTML



Attributes are the
properties for HTML tags

Example

```
<tag attributes> content if required </tag>
```



*Attributes are contained within the opening tag of an element.

Example

```
<a href="https://wearecodenation.com/">Code Nation</a>
```

Attribute

Opening tag

Content Closing
tag



Adding a link

Link

```
<p>  
  <a href="https://wearecodenation.com/">Code Nation</a> is a  
coding school.  
</p>
```

Code Nation is a coding school.

Link

```
<p>  
  <a href="https://wearecodenation.com/" target="_blank">Code  
Nation</a> is a coding school.  
</p>
```

Code Nation is a coding school.

*Many tags can contain multiple attributes



Adding an **image**

Image

```

```



Adding link to an image

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



Other stuff

} Video tag

} Mailto link

} SuperScript & SubScript element (for dates, maths, equations etc)

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Activity(1) – Portfolio

Part of being a developer is having a portfolio to show potential employers or clients. It should include information about you.

Using your HTML skills, continue from the "about me" page, start building your portfolio. Don't worry about how it looks – just add content for now.

Add images and link where needed on your webpage.

Activity(2) – Extension

Add to your HTML using attributes, make your paragraph editable when you click on it and enable a spellchecker.

You could also create a button but disable it.
(suggestions next page)

Activity(2) – Extension

Add to your HTML using attributes, make your paragraph editable when you click on it and enable a spellchecker.

You could also create a button but disable it.

```
<p contenteditable = "true" spellchecker = "true">  
    some text here...  
</p>  
<button type="button" disabled>  
    Click Me!  
</button>
```

Activity(3) – Create a form



Create a form for users to enter some data to enrol on a course. All input data will not be processed or send to anywhere at this stage.

Use <form> and <input> tags, some HTML attributes as well as via researching to implement a form into this page.

You must include:

- } 2 **text inputs** for a username and a password
- } **text inputs** for email address
- } 2 **text inputs** for a first name and surname
- } 2 **radio button inputs** to select from 2 course options to enrol,
- } Master Coding or Master Cyber
- } A **submit button input** (don't worry about the form action)

Activity(4) – Other HTML elements {cn}[®]

Research in these tags to find out what they do:

`<script>`

`<link>`

`<meta>`

Differences of `<div>` and `<section>`