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# Html

# Best Pratices



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## Declare the correct HTML5 doctype



HTML 4.01 strict  
doctype

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"  
"http://www.w3.org/TR/html4/strict.dtd">
```



HTML5 Doctype

```
<!DOCTYPE html>
```

**Use only one `<h1>` element in one single HTML page for better SEO purpose**



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## Use the figure element to add captions to your images in HTML



```
<div>
  
  <p>This is a picture of a man working on his
computer</p>
</div>
```



```
<figure>
  
  <figcaption>
    This is a picture of a man working on his computer
  </figcaption>
</figure>
```



# Do not use divs to create headers and footers – use semantic elements instead



```
<div class="header">
  <a href="index.html">Home</a>
  <a href="#">About</a>
  <a href="#">Contact</a>
</div>

<div class="footer">
  <a href="index.html">Home</a>
  <a href="#">About</a>
  <a href="#">Contact</a>
</div>
```



```
<header>
  <h1>Brand Name</h1>
</header>

<footer>
  <a href="index.html">Home</a>
  <a href="#">About</a>
  <a href="#">Contact</a>
</footer>
```





**Avoid using `<b>` and `<i>` to bold and italicize texts on a web page ( Use `<strong>` and `<em>` tags insted)**



```
<p><i>Code at your own pace</i><p>
```

```
<p><b>code at your own pace</b><p>
```



```
<p><strong>Code at your own pace</strong><p>
```

```
<p><em>code at your own pace</em><p>
```



## Don't place block-level element within inline elements

The `<p>`, `<h1>`-`<h6>`, and the `<div>` elements are some of the examples of a block level element.

The `<span>`, `<em>`, and the `<a>` elements are some of the examples of inline elements.



```
<a href="#" >  
  <p> Visit Blog Site </p>  
</a>
```



```
<p>  
  Visit <a href="www.myblog.com" target="_blank">  
    My Blog Site</a>  
  to learn Javascript  
</p>
```





## Other Tips:

- Minify External css and then link it to the HTML document
- Never use Inline css inside HTML document
- Don't Use Divs for Everything
- Close all HTML Tags
- Use Lower Case Markup
- Use Alt Attributes with Images
- Avoid Excessive Comments
- Follow hierarchy for heading elements



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