

Coding Made Easy!



Getting to know your keys

Keyboard shortcuts



Exclamation Point

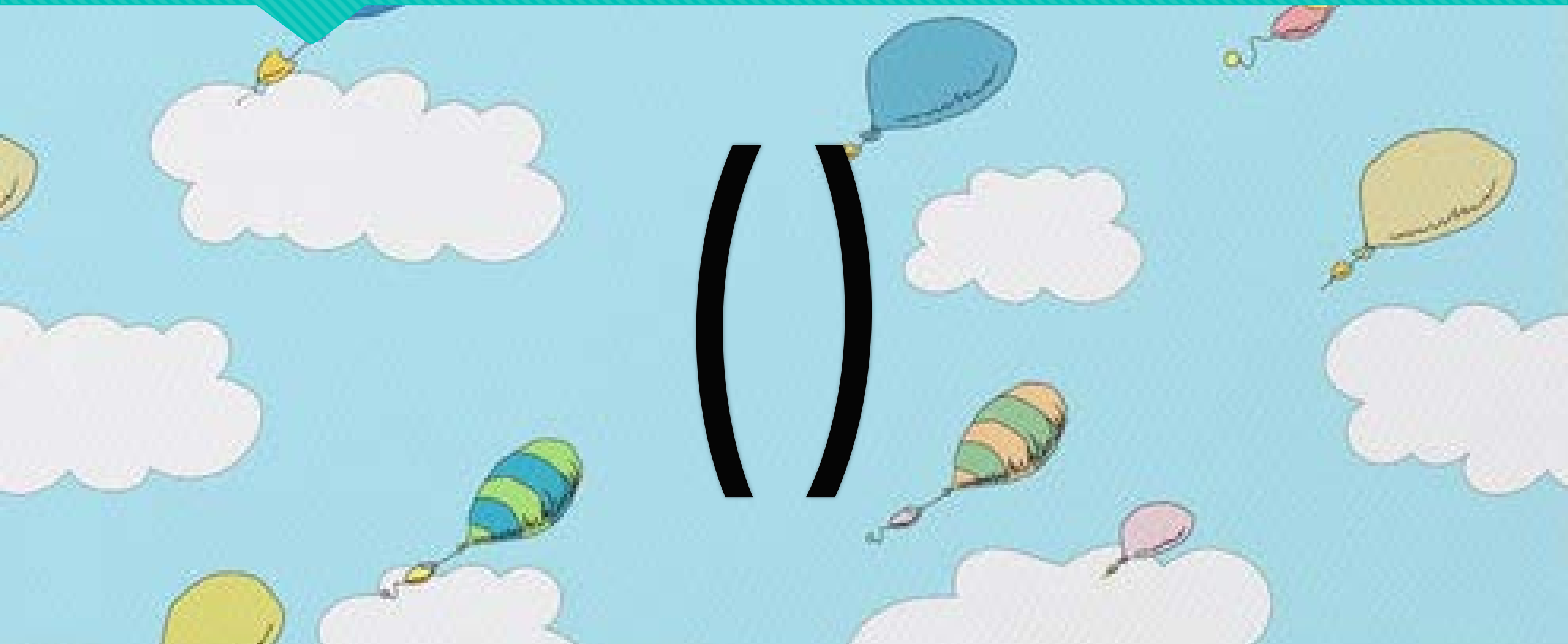


Tilde



Brackets

()

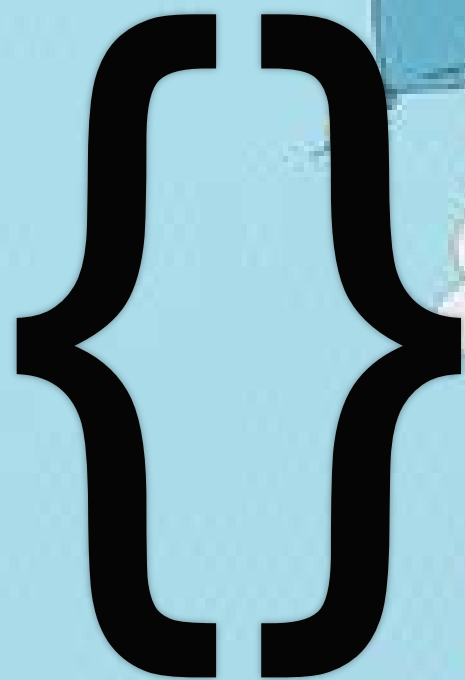


Square Brackets

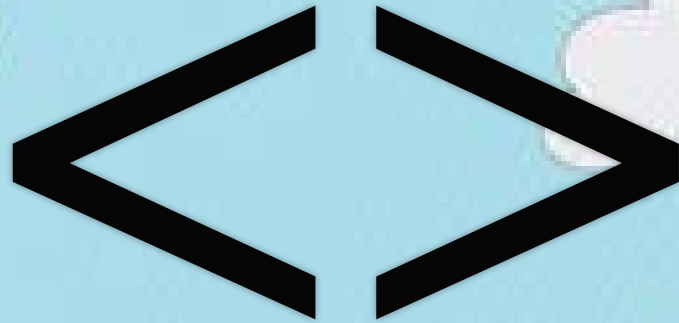
[]



Curly Brackets



Angle Brackets



Colon



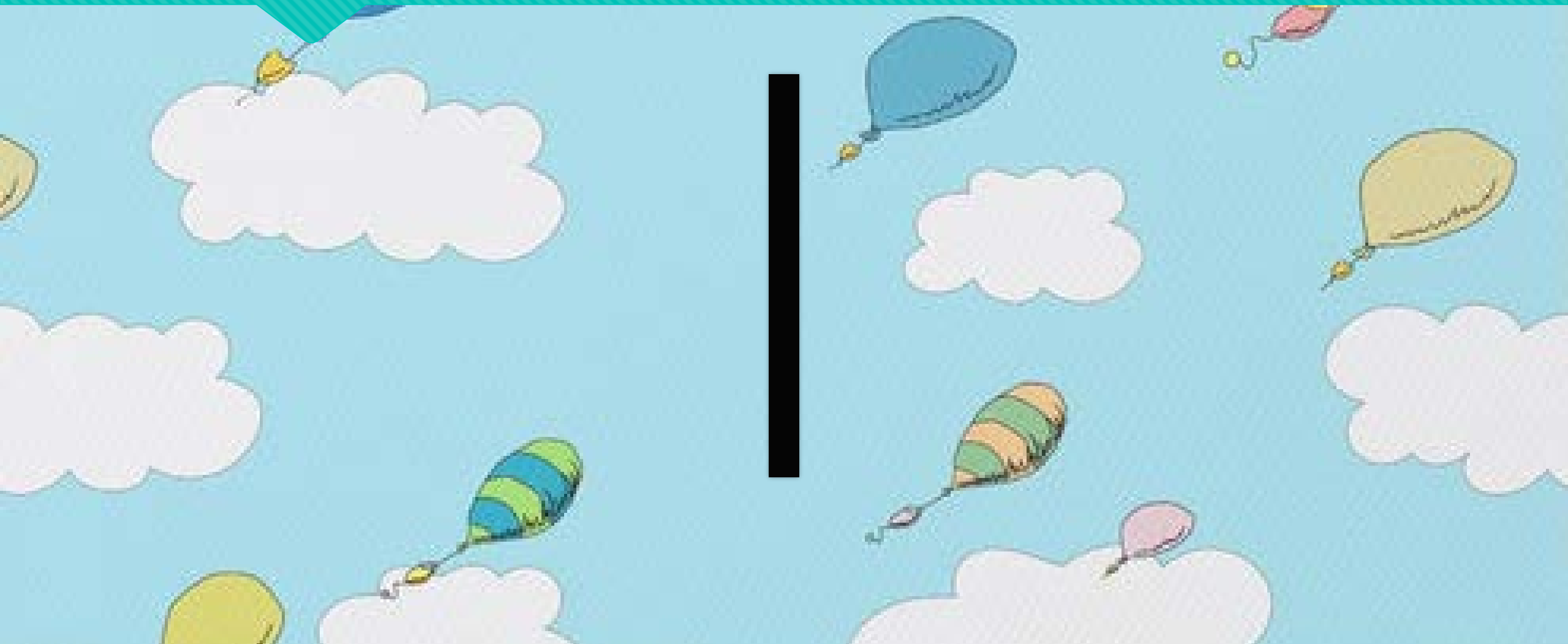
Semicolon



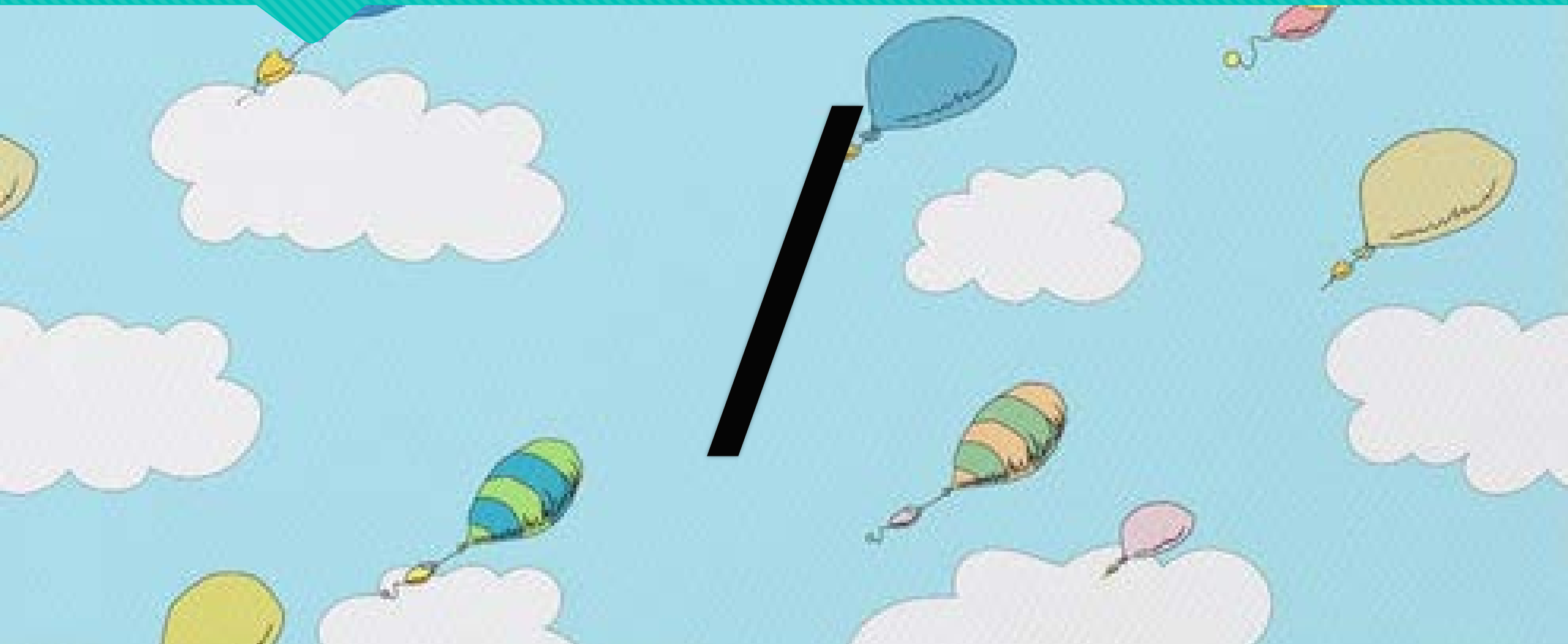
Caret



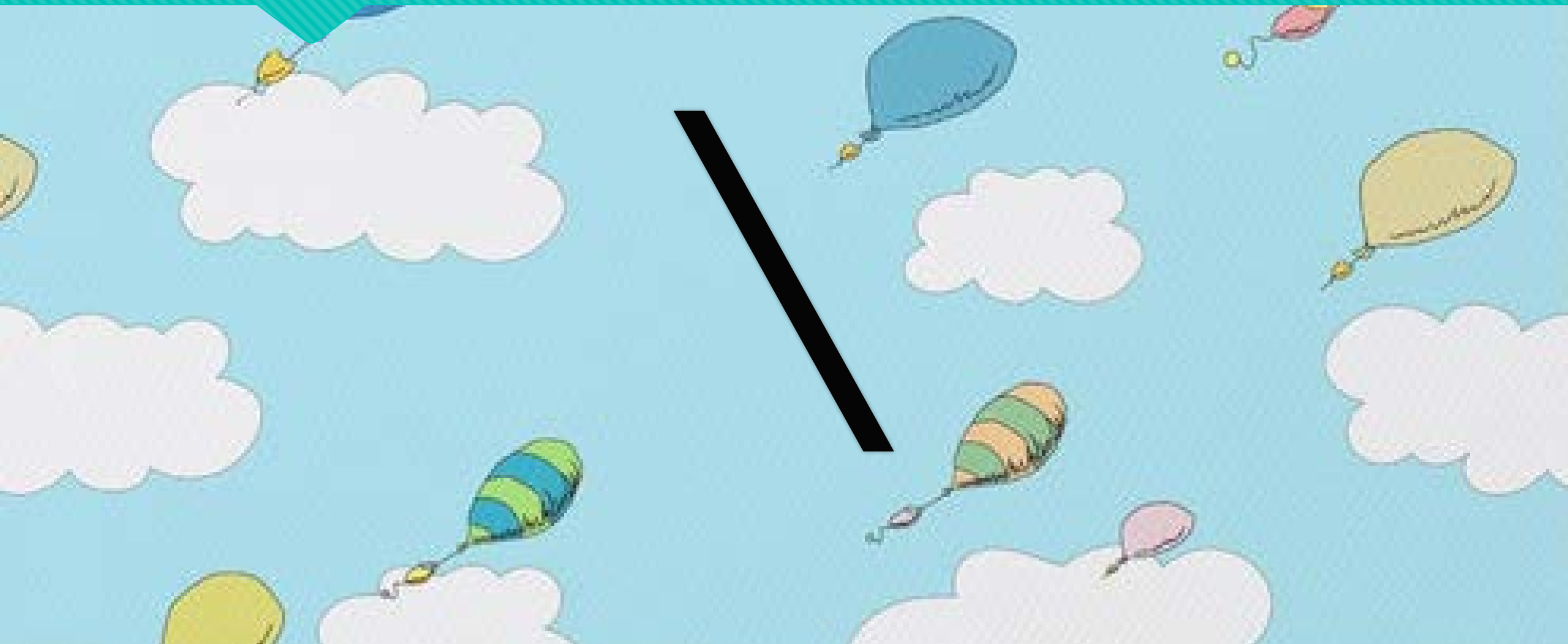
Vertical Bar



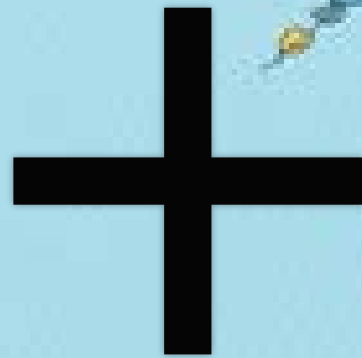
Forward Slash



Backwards Slash



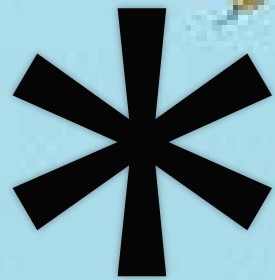
Addition



Minus



Multiplication

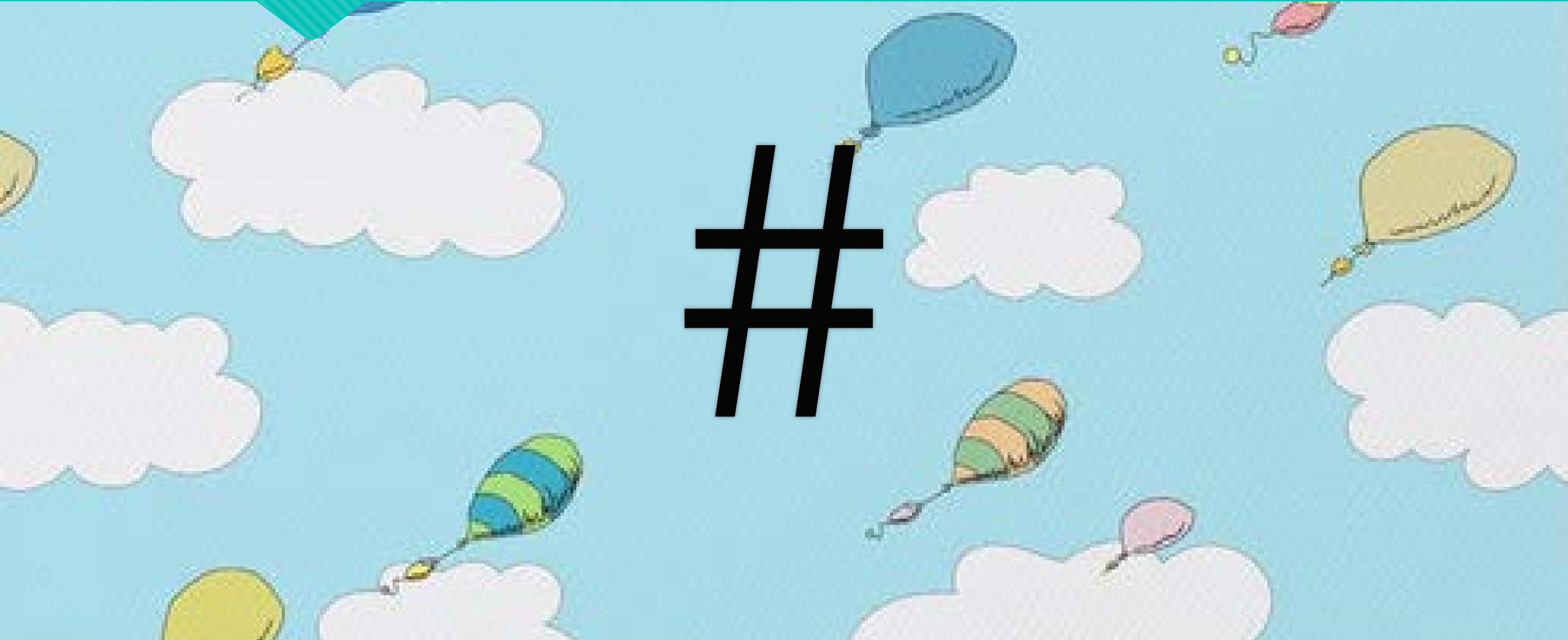


Equal Sign



Number Sign

#

The image features a large, bold black number sign (#) centered on a light blue background. The background is decorated with several white, fluffy clouds and various colorful balloons. The balloons include a blue one, a yellow one, a pink one, a green and blue striped one, and a green and orange striped one. The overall style is whimsical and child-friendly.

At Sign



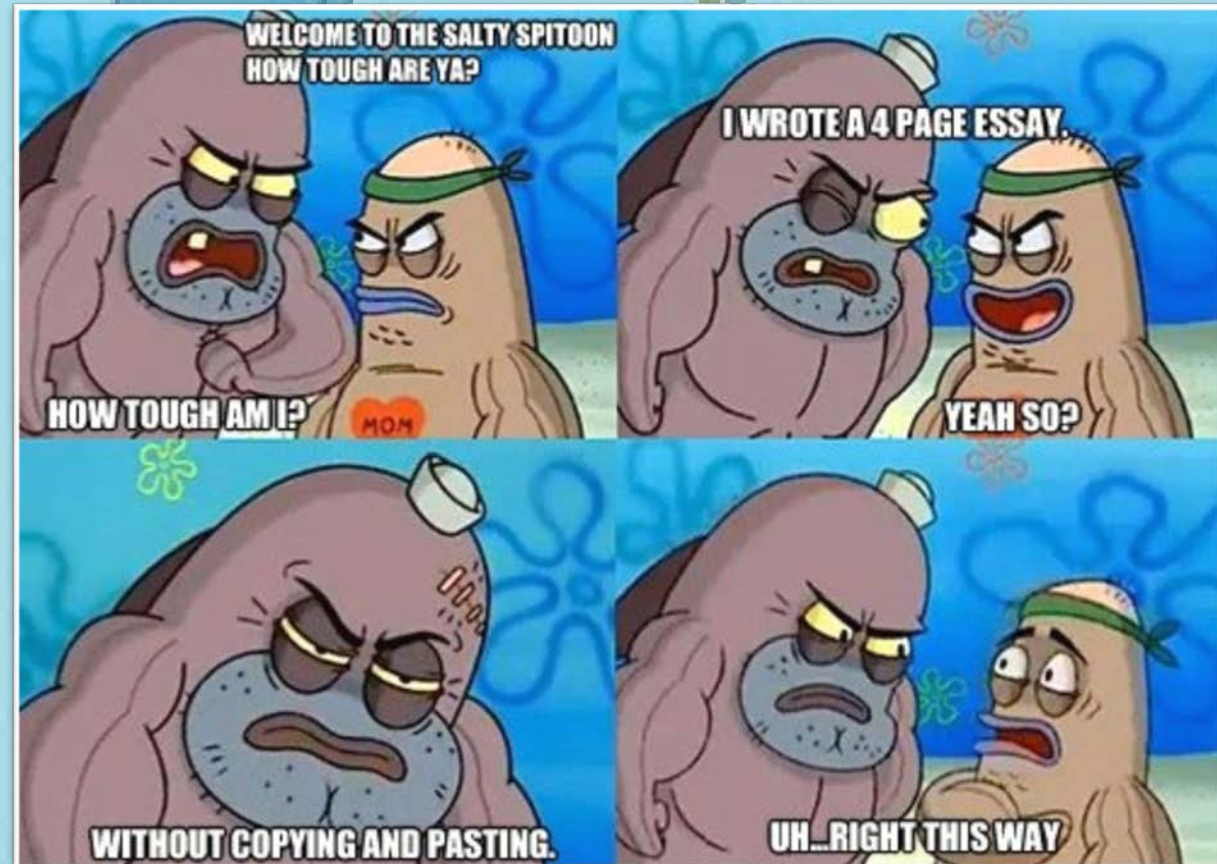
SHORTCUTS

Most Important



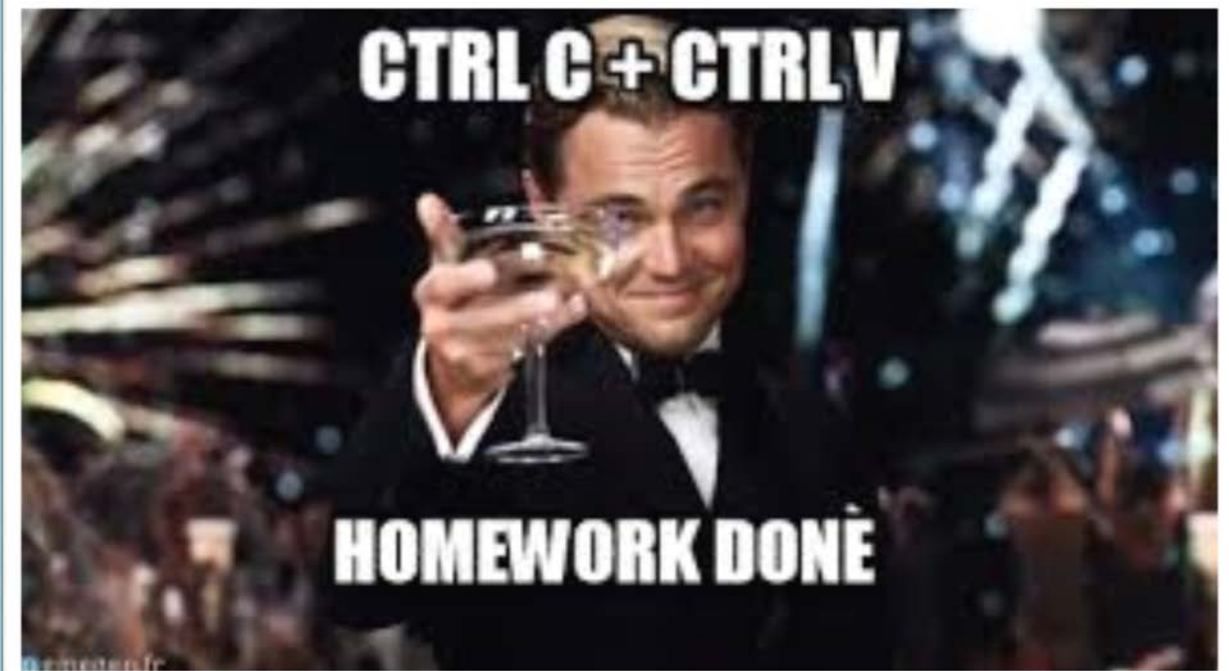
Control Copy & Control Cut

Ctrl+C or Ctrl+Insert
and Ctrl+X



Pasting

Ctrl+V or Shift+Insert



Undo & Redo

Ctrl+Z and Ctrl+Y

WRITING HUNDREDS OF LINES OF CODE.
TAKES HOURS. FINALLY FINISH.

ACCIDENTLY DELETE IT ALL.

CTRL + Z

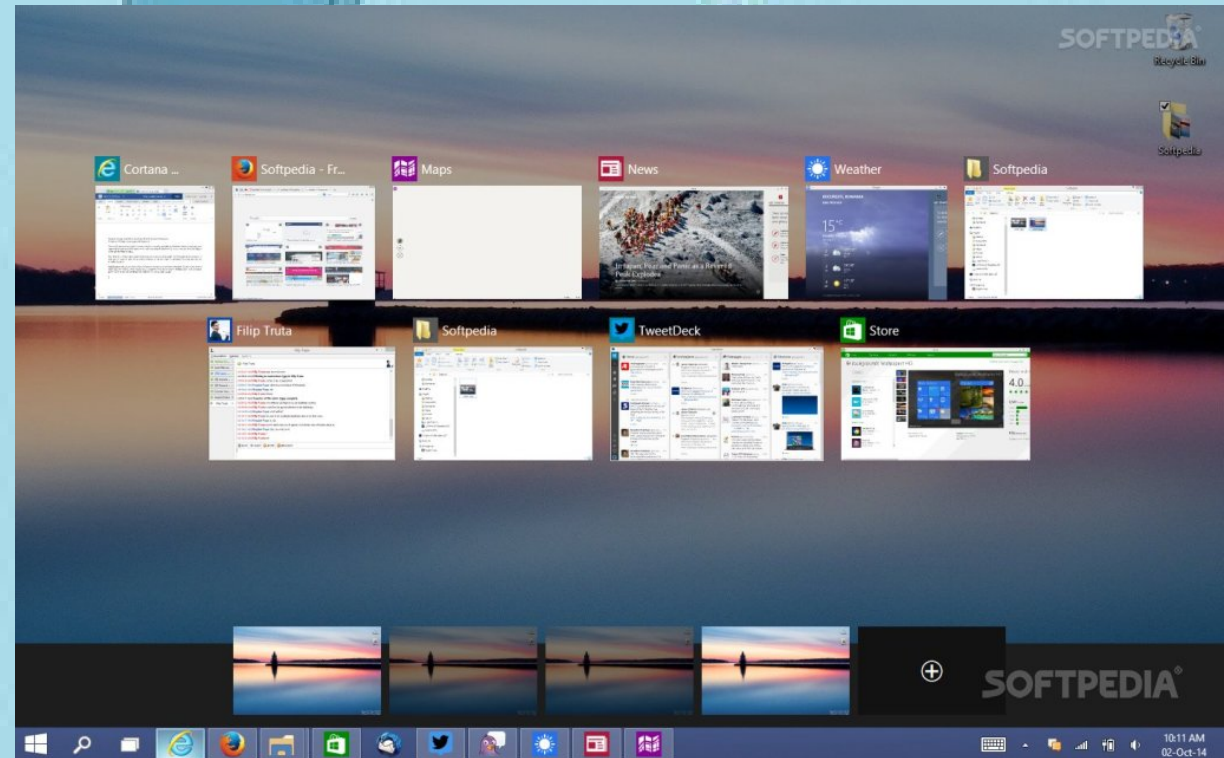
FIND

Ctrl+F



Switch Screens

Alt+Tab or Ctrl+Tab



SAVE

Ctrl+S



Coding Tools



Tools of the trade



IDE

- Brackets
- Atom

Browser

- Chrome
- Firefox

Developer Tools

- Chrome
- Firefox

Photo Editor

- Photoshop
- Paint

Introduction to HTML



Objectives

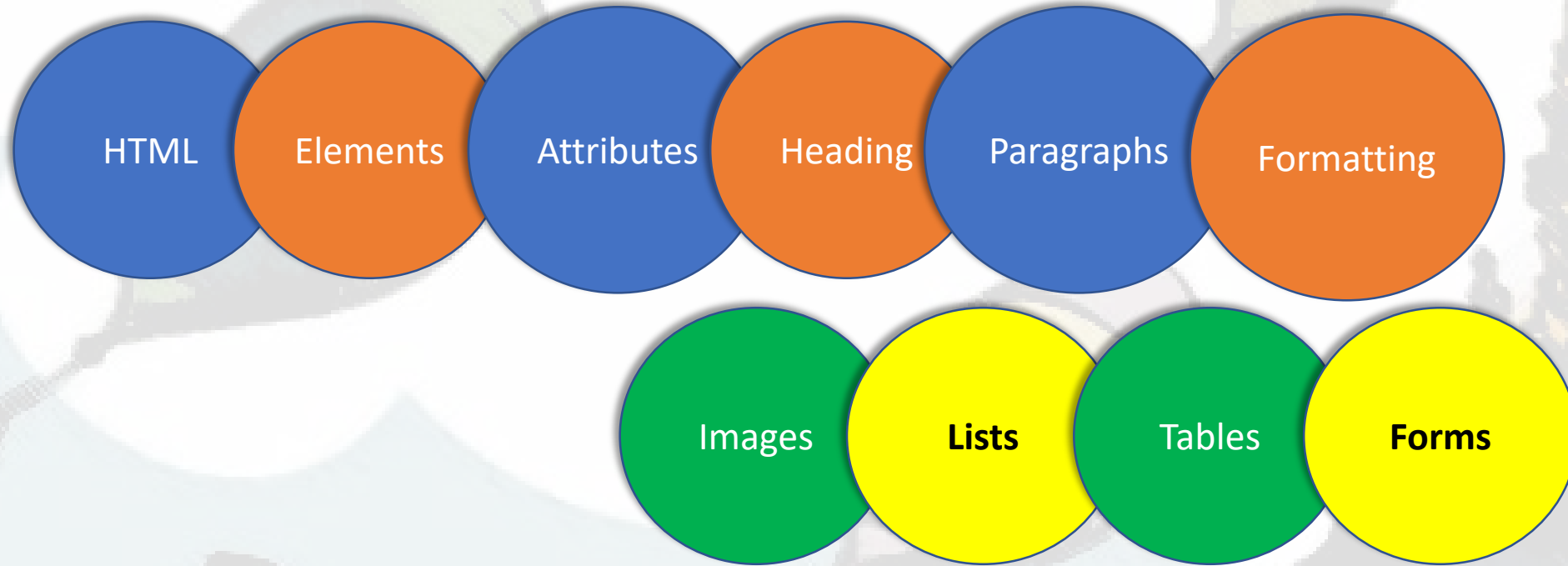
- Write simple HTML documents
- Understand the difference between closing and self closing tags
- Write tags with attributes
- Use MDN as a reference
- Given an image, write the corresponding HTML

History of HTML

- Created in 1989/1990 by Tim Berners Lee
- Allowed publishing and exchanging of scientific and
- Technical documents
- Allowed electronic linking of documents via hyperlinks



HTML by the parts

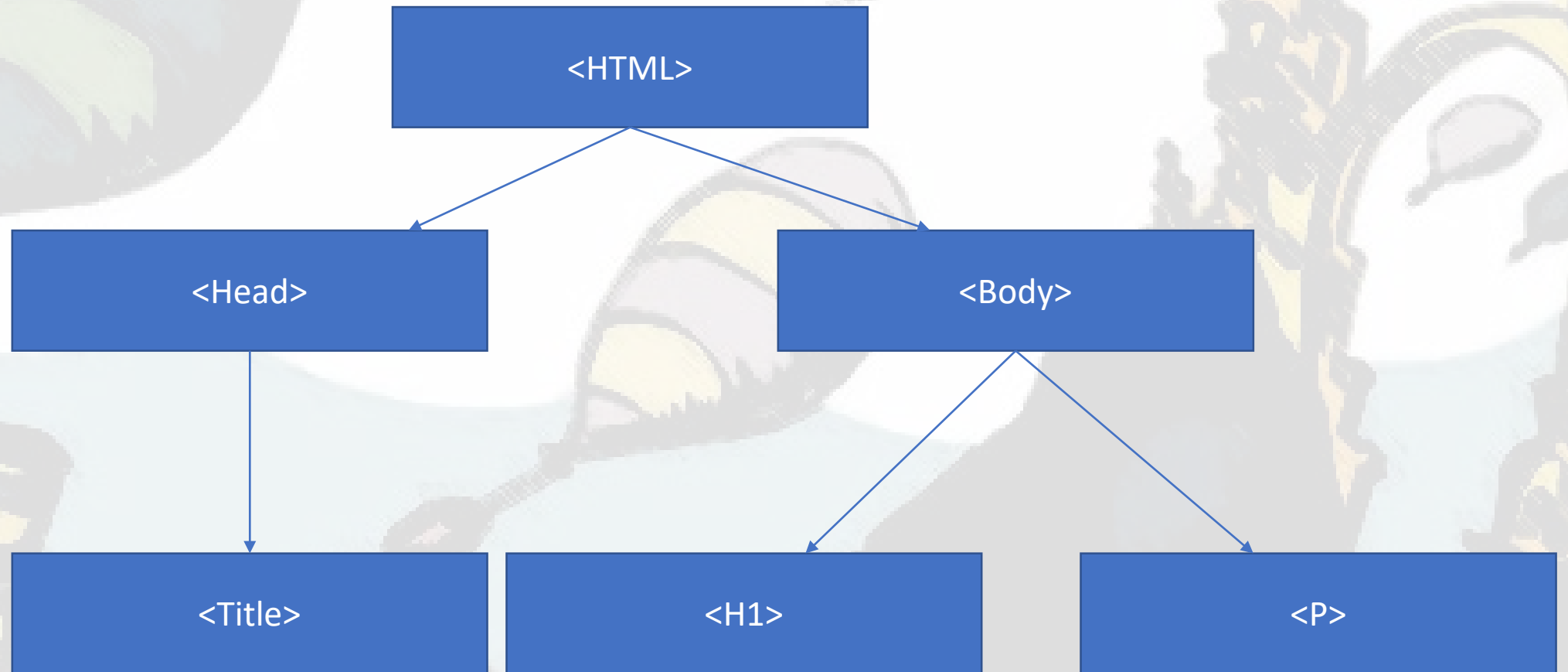


MDN HTML Reference

Every HTML Document - Boilerplate

```
<!DOCTYPE html>  
<html>  
  <head>  
    <!-- Our metadata goes here -->  
    <title></title>  
  </head>  
  <body>  
  
    <!-- Our content goes here -->  
  </body>  
</html>
```

Every HTML Document - Boilerplate



Every HTML Document - Boilerplate



```
<HTML>
```

```
<Head>
```

```
<Title>
```

```
<Body>
```

```
<H1>
```

```
<P>
```

General Rule

`<tagName> Some Content </tagName>`

```
<h1>Coding is for winners</h1>  
<p>I love to code!</p>
```

Tags & Elements

`<tagName> Some Content </tagName>`

```
<h1>Coding is for winners</h1>  
  <p>I love to code!</p>
```

Comments

`<!-- This is a comment. It doesn't do anything! -->`



Common Tags

<h1>I'm a header **</h1>**

<h2>I'm a slightly smaller header **</h2>**

<h6>I'm the smallest header **</h6>**

<p>I'm a paragraph**</p>**

<button>I'm a button!**</button>**

Common Tags – Cont.

Ordered List

List Item 1

List Item 2

Unordered List

List Item 1

List Item 2

Closing Tags

`<h1>`I need a closing tag `</h1>`

`<p>`Me too!`</p>`

Self Closing Tags

<!-- No closing tag or inner text needed -->

<**img** src="dog.png">

<**link** href="style.css">

<!-- Don't worry about what these tags do yet -->

Attributes

Adding Additional Information To Tags

`<tag name="value"></tag>`

``

`<p class="selected">woof woof</p>`

`Click me to go to Google`

`<link rel="stylesheet" type="text/css" href="style.css">`



MDN Attribute Reference

Images

``



Links

`Link Text`

`Click me to go to Google`

`Click me to go to Reddit`