

HTML

Language of the Web



Part Four of Four

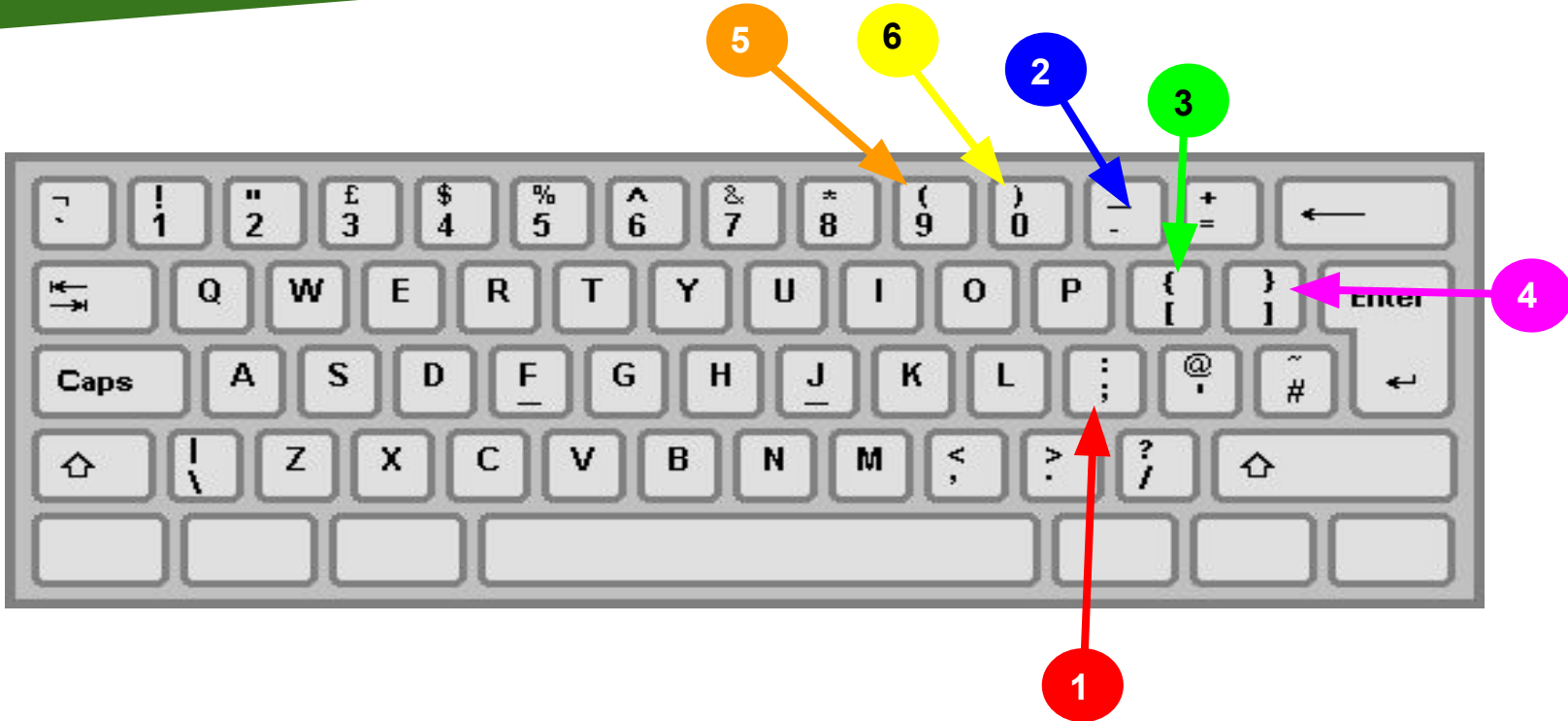
Thimble, CSS & Scripting





Mozilla Thimble: publish our pages



Extra key for CSS and scripts



1. Colon,
Semicolon

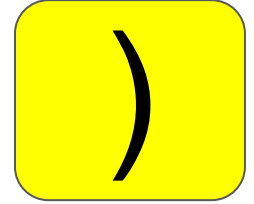
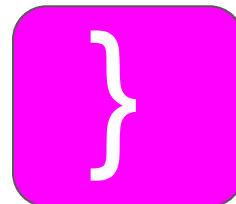
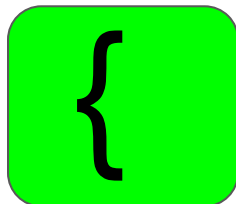
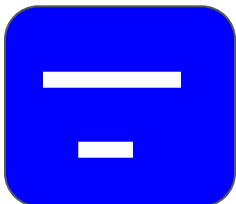
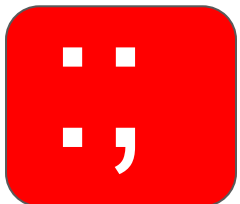
2. Dash (minus) ,
Underscore 

3. Right curly
bracket

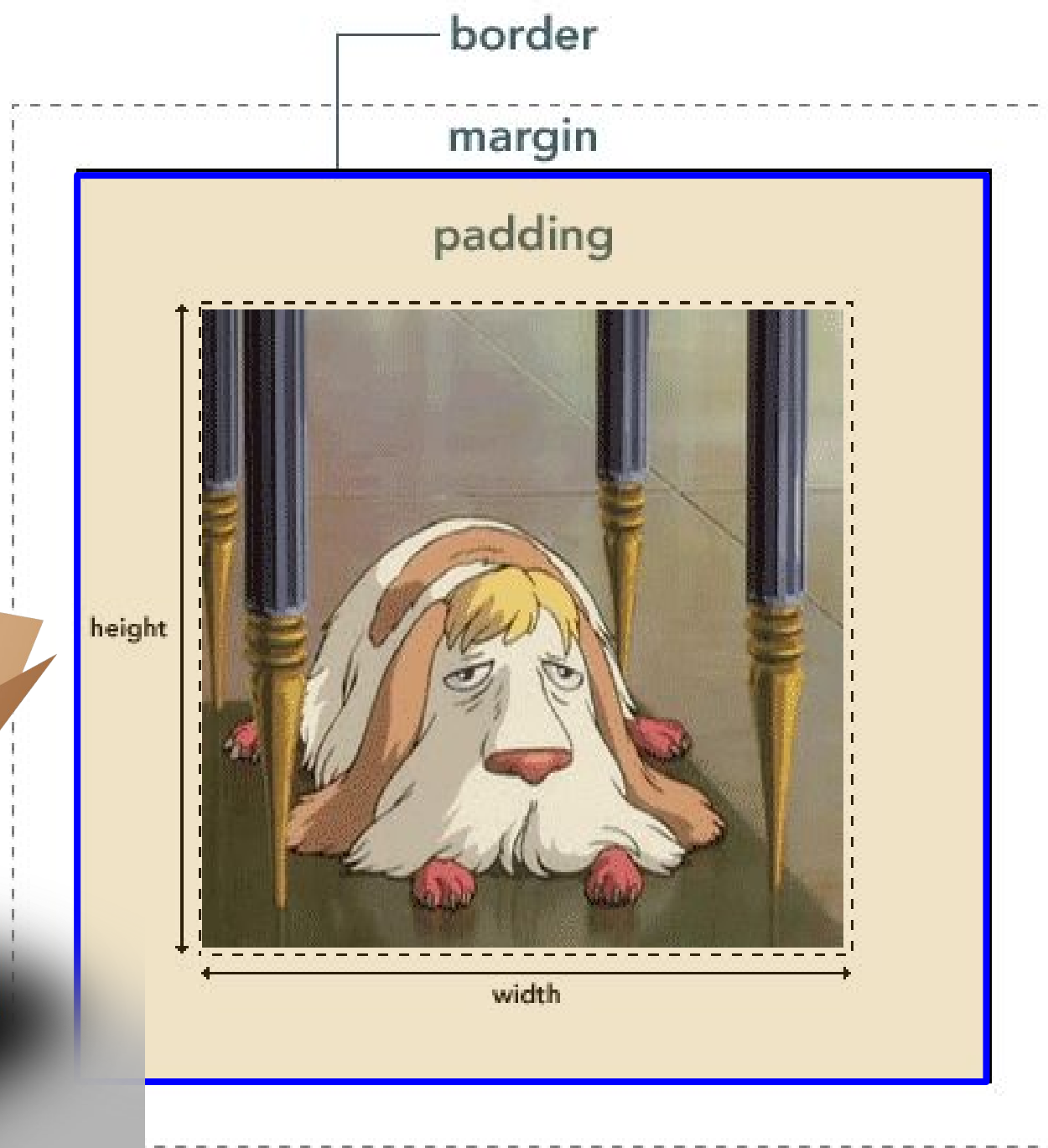
4. Right curly
bracket

5. Left
parenthesis

6. Right
parenthesis



Box model



Anatomy of CSS rule

```
p {  
    color: blue;  
}
```

color: will change text colour

background-color: change background colour

border-radius: make edges “rounded”

padding, margin: adds spacing

Each **CSS block** matches the **HTML tag**,
we do declarations of **CSS properties**
inside **{ }** (curly braces)

Playing with CSS animations

```
img:hover {
```

```
}
```



```
transition: all 0.5s ease;
```

```
transform: rotateZ(-30deg);
```

```
transform: scale(1.3);
```

```
border-radius: 50%;
```

```
border: 25px solid green;
```

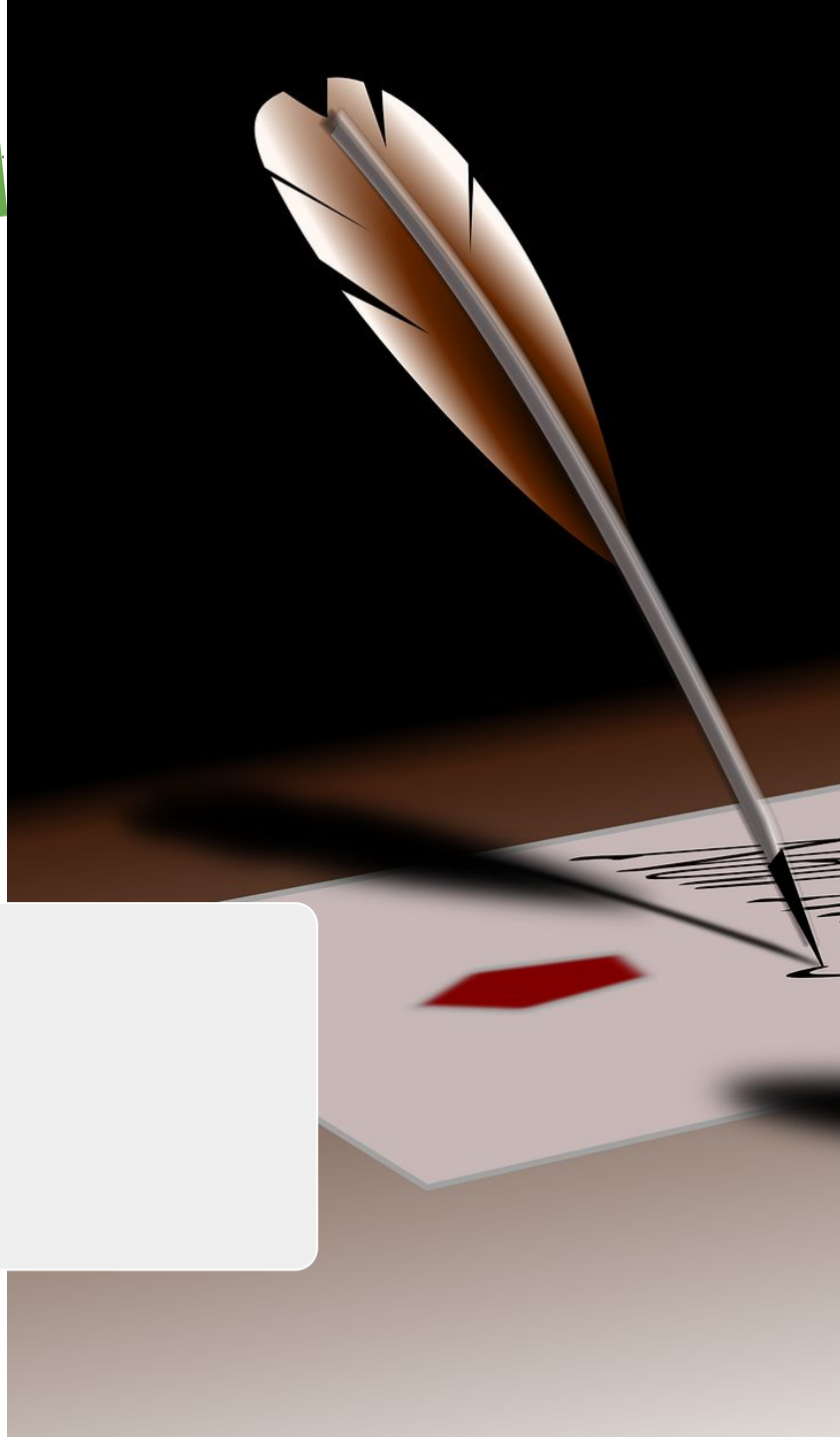
```
opacity: 0.3;
```


Scripting with JavaScript

- Welcome to the JavaScript - scripting language that adds interactivity to our websites

Just before closing `</body>` tag, add...

```
<script>  
  alert("Hello World");  
</script>
```



Confirm and Prompt

We can make popup dialogs more interactive. Let's try:

```
<script>  
    confirm("Do you like cats?");  
</script>
```

```
<script>  
    prompt("Please enter your  
name");  
</script>
```

Challenge! Make a simple program

```
<script>
```

```
  var answer = confirm("Do you like dogs?");
```

```
  if (answer) {
```

```
    var name = prompt("What's your favourite dog name?");
```

```
  }
```

```
  if (name) {
```

```
    alert(name + " is really nice name! ");
```

```
  }
```

```
</script>
```

That's all, folks!

What we did in this lesson:

- How to write proper **CSS**
- We learned few **CSS** tricks
- Learned how to make **scripts**

