**Week 2.9 Javascript Selectors**

**let** element = document.querySelector("#special");

element.addEventListener("click", **function**() {

alert("hi");

});

Event types

click

mouseenter

mouseleave

mousedown

mouseup

mousemove

keydown

keyup

**Use a defined function**

**function** **showWeather**() {

alert("It is 18 degrees");

}

**let** element = document.querySelector("li");

element.addEventListener("click", showWeather);

**Event**

**function** **showWeather**(event) {

event.target.innerHTML = "The weather is currently 19 degrees";

}

**let** element = document.querySelector("li");

element.addEventListener("click", showWeather);

**Get attribute**

**let** link = document.querySelector("a").getAttribute("href");

**getAttribute**

<li **class**="day" temperature="19">Monday</li>

**function** **showWeather**() {

console.log(this.getAttribute("temperature"));

}

**let** elements = document.querySelectorAll(".day");

elements.forEach(**function**(element, index) {

element.addEventListener("click", showWeather);

});

**QuerySelectorAll**

**function** **showWeather**() {

this.innerHTML = "The weather is currently 19 degrees";

}

**let** elements = document.querySelectorAll(".day");

elements.forEach(**function**(element, index) {

element.addEventListener("click", showWeather);

});

document

**let** city = document.querySelector(".city");

**let** cities = document.querySelectorAll(".city");

**Challenge / JS Selectors**

1. *Select the h2* [*https://www.shecodes.io/*](https://shecodes.io/)
2. *How many students do we have listed on the page?* [*https://shecodes.io/students*](https://shecodes.io/students)

**Suggested solution**

document.querySelector("h2");

document.querySelectorAll(".coder");

**Week 2.10 Javascript Events**

**function** **signUp**() {

**let** name = prompt("What's your first name?");

alert("You are now signed up " + name);

}

**let** signUpButton = document.querySelector(".sign-up-button");

signUpButton.addEventListener("click", signUp);

**Event types**

mouseenter mouseover mousemove mouseleave mousedown mouseup click dblclick mouseout

**Replacing content with JS**

<body>

<h1>Hello World</h1>

<button>

Speak Portuguese, please

</button>

<script>

**function** **translate**() {

**let** h1 = document.querySelector("h1");

h1.innerHTML = "Olá Mundo!";

}

**let** button = document.querySelector("button");

button.addEventListener("click", translate);

</script>

</body>

# Challenge / JS Events

* *After the user clicks on the Apply now button*
* *Ask for the person’s first name*
* *Ask for the person’s age*
* *If 18 or more, change the h1 to  “Hi, {Name}! Welcome to SheCodes !”*
* *Else*
* *change the h1 to  “Sorry, {Name}! You cannot join SheCodes ”*

# man teacherSuggested solution

function apply() {

  let firstName = prompt("What is your first name?");

  let age = prompt("How old are you?");

  let heading = document.querySelector("h1");

  if (age >= 18) {

    heading.innerHTML = "Hi " + firstName + "! Welcome to SheCodes 👩‍💻";

  } else {

    heading.innerHTML =

      "Sorry " + firstName + ", you can't apply to SheCodes.";

  }

}

let applyButton = document.querySelector("button");

applyButton.addEventListener("click", apply);