document.getElement(s)

**var** tag = document.getElementById("highlight")*/\*tag is one element\*/*

<li id="highlight">List Item 1</li>

**var** tags = document.getElementsByClassName("bolded")*/\*tag is list, regardless of the amount of bolded\*/*

[li.bolded, li.bolded]

**var** tags = document.getElementsByTagName("li")*/\*tag is list, regardless of the amount of li\*/*

[li#highlight, li.bolded, li.bolded, highlight: li#highlight]

tags.forEach() */\*cannot forEach() because tags is list not array\*/*

document.querySelector(all)

**var** h1 = document.querySelector("h1")*/\*choose the first h1 and var h1 is always one element\*/*

<h1>Hello</h1>

**var** li = document.querySelector("li a");

**var** li = document.querySelectorAll("li")*/\*chosee all li and var li is always list regardless of amount of li\*/*

[li#highlight, li.bolded, li.bolded]

Method

#################################################################

.big{

font-size: 100px;

color: orange;

border:: 5px solid red;

}

**var** tag = document.querySelector("p")

**undefined**

tag.classList.add("big")

tag.classList.remove("big")

tag.classList.toggle("big") *// if tag removed big, toggle will add big*

#####################################################################

**var** p = document.getElementsByTagName("p")[0]

p.textContent */\*textContent just extract the content, em in super does not extract\*/*

"Corgi mixes are super adorable"

**var** ul = document.querySelector("ul")

ul

<ul>​…​</ul>​

ul.textContent

"

Orchids

Succulents

Tulips

"

document.querySelector("h1").textContent = "END OF THE LESSON"

###############################################################

tag.innerHTML */\*innerHTML can extract style in tag\*/*

"Corgi mixes are <em>super</em> adorable"

ul.innerHTML

"

<li>Orchids</li>

<li>Succulents</li>

<li>Tulips</li>

"

document.querySelector("h1").textContent = “<li>Orchids</li>”

################################################################

**var** img1 = document.getElementsByTagName("img")[0]

<img src=​"http:​/​/​c1.staticflickr.com/​9/​8450/​8026519634\_f33f3724ea\_b.jpg">​

img1.getAttribute("src")

<http://c1.staticflickr.com/9/8450/8026519634_f33f3724ea_b.jpg>

img1.setAttribute("src", "http://c2.staticflickr.com/8/7231/6947093326\_df216540ff\_b.jpg")

**var** a = document.getElementsByTagName("a")[0]

<a href=​"www.google.com">​LINK TO GOOGLE​</a>​

a.setAttribute("href", "http://bing.com")

#################################################################

**var** h1 = document.querySelector("h1")

h1.addEventListener("click", **function**(){

h1.style.background = "orange";

})

**var** lis = document.querySelectorAll("li");

**for**(**var** i = 0; i < lis.length; i++){

lis[i].addEventListener("click", **function**(){

**this**.style.color = "pink" *//this denotes the lis[i]*

});

}

.butt{

background: purple;

}

**var** but = document.querySelector("button")

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

bod.classList.toggle("butt");

})

#####################################################

.done{

text-decoration: line-through;

opacity: 0.5;

}

.selected{

color: green;

}

**var** lis = document.querySelectorAll("li");

**for**(**var** i = 0; i < lis.length; i++){

lis[i].addEventListener("mouseover", **function**(){

**this**.classList.add("selected");

});

lis[i].addEventListener("mouseout", **function**(){

**this**.classList.remove("selected");

});

lis[i].addEventListener("click", **function**(){

**this**.classList.toggle("done");

})

};

##################################################

**var** numInput = document.querySelector('input[type="number"]');

numInput.addEventListener("change", **function**(){

winningScoreDisplay.textContent = **this**.value;

winningScore = Number(**this**.value);

reset();

})

Practice: 55ScoreKeeper, 57ColorGame