Query Selectors (querySelectorAll)

- The querySelectorAll method, which is defined both on the document object and on element nodes, takes a selector string and returns a NodeList containing all the elements that it matches.
- Unlike methods such as getElementsByTagName, the object returned by querySelectorAll is not live.
- It won't change when you change the document.
- It is still not a real array, though, so you still need to call Array.from if you want to treat it like one.

```
And if you go chasing
 <span class="animal">rabbits</span>
And you know you're going to fall
Tell 'em a <span class="character">hookah smoking
 <span class="animal">caterpillar</span></span>
Has given you the call
<script>
function count(selector) {
  return document.querySelectorAll(selector).length;
 console.log(count("p"));
                              // All  elements
// \rightarrow 4
 console.log(count(".animal")); // Class animal
// \rightarrow 2
 console.log(count("p .animal")); // Animal inside of 
// \rightarrow 2
 console.log(count("p > .animal")); // Direct child of 
// \rightarrow 1
</script>
```