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.

```html
<p>And if you go chasing
 <span class="animal">rabbits</span></p>
<p>And you know you're going to fall</p>
<p>Tell 'em a <span class="character">hookah smoking
 <span class="animal">caterpillar</span></span></p>
<p>Has given you the call</p>

<script>
 function count(selector) {
   return document.querySelectorAll(selector).length;
 }
 console.log(count("p"));          // All <p> elements
 // → 4
 console.log(count(".animal"));    // Class animal
 // → 2
 console.log(count("p .animal"));   // Animal inside of <p>
 // → 2
 console.log(count("p > .animal")); // Direct child of <p>
 // → 1
</script>
```