

Javascript exercise

Write some Javascript code that will take each `.animal` in the `.animals` list and reorder it by the area (width * height) of the rendered DOM element, then alphabetically by the name of the animal.

The example HTML and related CSS code is provided below.

```
<ul class="animals">
  <li class="animal zebra">Zebra</li>
  <li class="animal aardvark">Aardvark</li>
  <li class="animal cow">Cow</li>
  <li class="animal pushmepullyou">Pushmepullyou</li>
  <li class="animal hippopotamus">Hippopotamus</li>
</ul>
```

```
.animal {
  width: 100%;
  height: 50px;
}

.zebra {
  width: 10em;
  height: 5em;
}

.aardvark {
  width: 100px;
}

.cow {
  height: 50%;
}
```

Guidance

- Don't use any frameworks or libraries
- Your code should be compatible with the latest versions of all major browsers
- The code should be of a standard that you'd be happy to put in a live website
- Your code should be readable and maintainable by other developers, from novice to expert level