



## Exercise 5: DOM

*You can upload the files without the need to zip them. Just remember to include the `index.html` and `source.js` files for question 2.*

1. Write a JavaScript program to find the most frequent item of an array.

Sample array: `const arr1=[3, 'a', 'a', 'a', 2, 3, 'a', 3, 'a', 2, 4, 9];`

Sample Output: `a ( 5 times )`

2. Start with the following HTML and save it as "index.html":

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset = "utf-8" />
    <title> About who I admire </title>
  </head>
  <body>
    <h1> About who I admire </h1>
    <ul>
      <li> Name: <span id = "name"> blah </span> </li>
      <li> Nickname: <span id = "nickname"> blah </span>
</li>
      <li> Favorites: <span id = "favorites"> blah
</span></li>
      <li> Hometown: <span id = "hometown"> blah </span>
</li>
    </ul>
  </body>
</html>
```

Now, with Javascript:

1. Change the style of the `<body>` tag to another font type.
2. Replace the `<span>` tags contents (id equals to `name`, `nickname`, `favorites`, `hometown`) with information about who you admire.



3. Create a new `img` element on the page and place an image of who you admire.

EXTRA :

3. Upload all files you created when you followed the JavaScript course from lessons 7 - 19. In each file, whenever possible, change the names used in the files so the resulting page is not exactly the same as the one used in the course (or by other students).

*Good luck!*