Our artist directory is looking good so far, we can add and remove artists to our list, great!



But wait, if I refresh my page all, the artists seem to go away…. Umm, that's not good …

There's a thing I heard known as local Storage, I remember that it can hold values …

https://developer.mozilla.org/en-US/docs/Web/API/Window/localStorage

Our aim in this lab is utilize local Storage to help us hang on to the artists that we add to our directory. So even when I close my browser and come back all my artists should be there and even when I refresh the page.

Another thing that we need to do is add a new functionality, search, which will help our end users to find matching artists in our application (In the picture below, I typed 'k' in the search bar and hit the 'Search' button)

## Artist Directory

| k | Add | Search |

**Kevin Sigma**
Best in town

Delete

**Katie Holmes**
Gotta listen to me

Delete

Marking scheme

| Hosting Lab online (i.e providing a link) | 1 Mark |
|---|---|
| Making correct use of localStorage to preserve artists | 6 Marks |
| Showing matching artists after a search is performed | 3 Marks |

**Note** (If some of the below are not followed marks will be deducted)

- Cannot use databases (SQL/No-SQL/WebSQL)
- All JS code should reside in a separate file and use best practices