

Aim:

The aim of the task is to build a simple page containing an input and a list of labels.

The input must be restricted to numbers.

When we get a new number, we should display a list of all the numbers from 1 to that new number:

input: 3

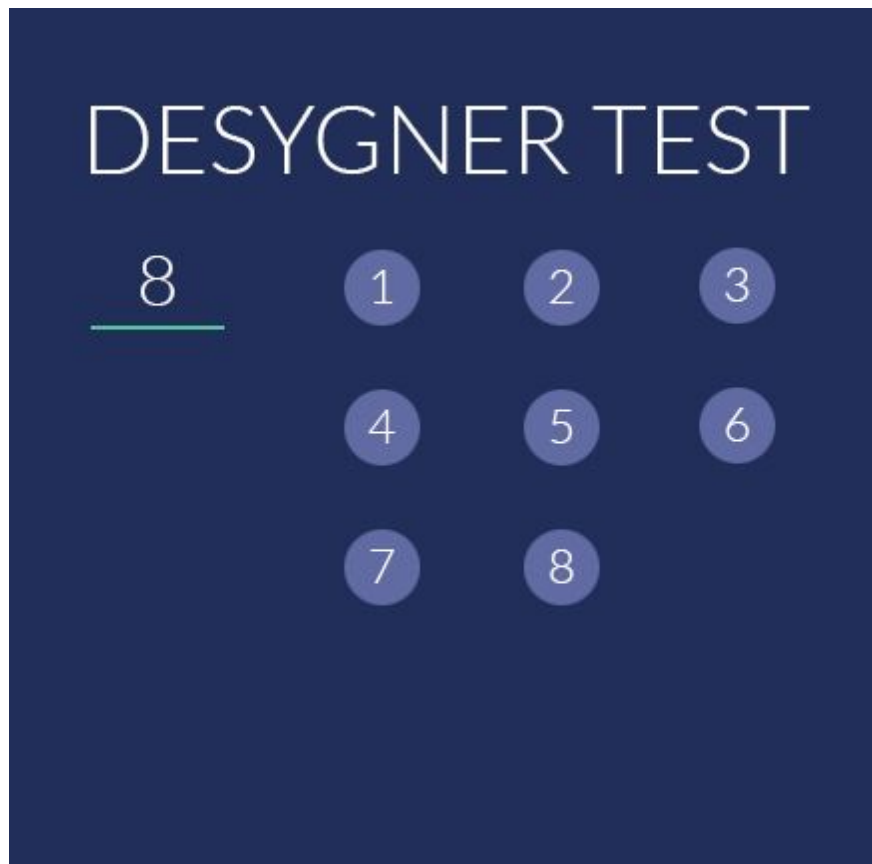
list: 1, 2, 3

input: 8

list: 1, 2, 3, 4, 5, 6, 7, 8

UI:

The UI should look as similar as possible to this one, but keeping pixel perfect proportions, columns, etc



Solution:

The final solution includes ideally this files and directories:

```
/
index.html
package.json
gulpfile.js
build <empty folder>
assets
  style.less
  code.js
```

The index file should load the assets from build directory (build/style.css & build/code.js), those files should get generated by running gulp default task.

Technologies:

It's important to notice that no external libraries should be used on the client css or js (so, no bootstrap, no jQuery). style.less, code.js and index.html should be as clean as possible.

We will use tools and libraries for the build process, using npm as our package manager, gulp as build tool, less as styles preprocessor (assets/style.less -> build/style.css) and ES6 + babel for transpiling (assets/code.js -> assets/code.js).

Considerations:

We will start by consider if the solution does solve the problem, the cleanliness and similarity of the UI, the use of right tools and languages and the cleanliness in code. That's a must...

Optionally we would like to see it in a git repository (GitHub / Bitbucket) commit by commit, with an ES6 iterator implementation (or recursive implementation) and with a gulp watch task.