

Lab 6

Problem to solve

1. Download **Lab6.zip**, unpack and rename the folder
2. Build an HTML form. Required fields are:
 - a. Name
 - b. Phone
 - c. E mail
 - d. Birthday
3. When clicking the save button the following should happen:

Save input values as an object {name: "", phone: "", etc}

 - a. Unshift or push the object into an array (all your contacts go here)
 - b. Add the array to localStorage using `JSON.stringify(yourArray)`
 - c. Reset the form fields
 - d. List all contacts (see 4-5)
4. Create a function with one parameter that combines the data from the contact object passed in to the function with surrounding HTML to create a card for that contact. Append the card to your HTML document.
5. Create a function that will loop through all contacts in localStorage and add a card (see 4) for each contact
6. Make sure there are no errors in console if localStorage is empty

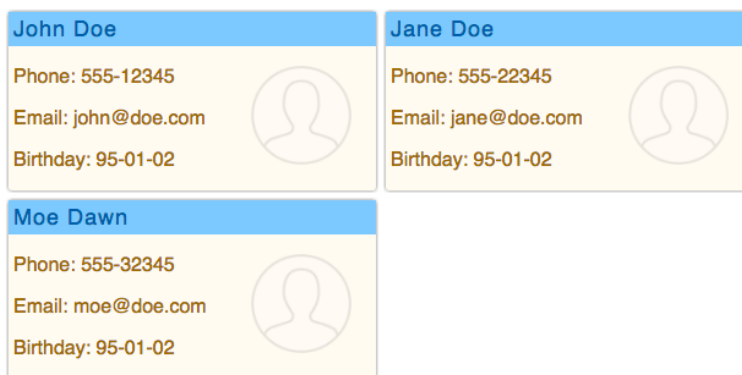


Figure 1 - Cards could look something like this



Star level

Validate the form fields before save so that..

- you cannot leave a field empty
- email contains an @ symbol
- phone and date only contains numbers or dash –

Don't copy/paste a solution from the web or a friend. Create your own solution and be prepared to explain it (the html attribute required has inconsistencies in browser support).

To get the extra point, your solution must work at first upload and be handed in no later than 4 days after your lab.

Add a comment to the upload "aiming for a star"

Upload your solution

Name your file *Lab6-firstname_lastname.zip*

Upload it on pingpong.

Did you know?

–You can loop through a string and access each character like an array!

```
for(var i=0; i < "hello".length; i++){  
    console.log("hello"[i]);  
}
```

–If you try to convert a string that doesn't contain a number, the return value is NaN

–You can test if a return value is NaN with the function `isNaN()`

–There are new input types in HTML5 other than `type="text"`: email, tel, date etc.