# Homework 3

# The Setup

Please read <https://github.com/csulbying/web-app-dev/blob/master/01-setup/setup.md> for detail instructions to setup your development tools.

# The Submission

## The detail web site requirements are given in the next section. Once you complete it, please ***create a text file*** hw.txt that has two links, one to your github repository and one to your netlify website. Please submit the text file to the beachboard dropbox. Wrong file format, invalid URL, or un-working application is completed and gets 0 point.

For example, below is the sample content of hw.txt (the links are sample links, please change them to your github repository and netlify site)

https://github.com/your-github-name/your-repository.git

<https://user-specific-part.netlify.com/>

# Homework Requirements

Your homework project includes an HTML file, a JavaScript file and a css file.

Please define the following data in your JavaScript file:

const org1\_depts = [

{

name: 'accounting',

children: [

{ name: 'accounting payable', children: [] },

{ name: 'accounting receivable', children: [] },

],

},

{

name: 'finance',

children: [],

},

]

const org2\_depts = [

{

name: 'accounting',

children: [

{ name: 'accounting payable', children: [] },

{

name: 'accounting receivable',

children: [{ name: 'cash', children: [] }, { name: 'check', children: [] }],

},

],

},

{

name: 'finance',

children: [{ name: 'investment', children: [] }],

},

]

Then write a function PrintDepts(depts) {…} that takes each organization departments as input and generate a nested unorder list (<ul>) that displays the department names and their hierarchy. You should use a recursive function because you don’t know the nesting levels of each department. Given the above input, you should create an HTML page like the following. You should center all content and use the same styles, for example, the top level department names have no bullet symbol and are inside a green box.

