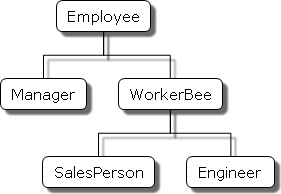
**Day 1 Lab Assignments**

1. Try for…in, for…of and .foreach() with an array.
   1. What’re the differences between for…in, for…of and .foreach().
2. Try spread operator with any array of your implementation.
3. print student data in the console using template literals in this format:
   1. {Std\_name} is a student in faculty of {fac\_name} in university {Uni\_name}

And his final grad is {grad}.

1. Make a set that holds student names.
   1. Try to add repeated names, will the set accept it?
   2. Print the set values using spread operator and using for…of.
2. Check if ‘heloo’ include a litter ‘e’
3. Create an object and set a default value if null to any property using ?? operator
4. Create Class
   1. Employee has the properties name (whose value defaults to the empty string) and dept (whose value defaults to "general").
   2. Manager is based on Employee. It adds the reports property (whose value defaults to an empty array, intended to have an array of Employee objects as its value).
   3. WorkerBee is also based on Employee. It adds the projects property (whose value defaults to an empty array, intended to have an array of strings as its value).
   4. SalesPerson is based on WorkerBee. It adds the quota property (whose value defaults to 100). It also overrides the dept property with the value "sales", indicating that all salespersons are in the same department.
   5. Engineer is based on WorkerBee. It adds the machine property (whose value defaults to the empty string) and also overrides the dept property with the value "engineering".



1. Use this object and destructuring **title** and **localization\_tags**

const metadata = {

title: 'Scratchpad',

translations: [

{

locale: 'de',

localization\_tags: ['de-gen', 'de-or'],

last\_edit: '2014-04-14T08:43:37',

url: '/de/docs/Tools/Scratchpad',

titles: 'JavaScript-Umgebung'

}

],

};

1. Use fetch to get all User From <https://jsonplaceholder.typicode.com/users>
   1. Then get all posts for each user from [https://jsonplaceholder.typicode.com/users/${userid}/posts](https://jsonplaceholder.typicode.com/users/$%7buserid%7d/posts)
   2. Then Display to page as order list (user name |
      * + 1. Post1
          2. Post2
          3. …….