Day 1 Lab Assignments

1. Try for…in, for…of with an array.
   a. What're the differences between for…in, for…of and .foreach().

2. print student data in the console using template literals in this format:
   a. {Std_name} is a student in faculty of {fac_name} in university {Uni_name} and his final grad is {grad}.

3. Check if 'hello' include a litter 'e'

4. Create an object and set a default value if null to any property using ?? operator

5. Use this array [1,5,3,4,2,4,6,8,5] Try arrow function:
   a. With Array.filter() function, to return the odd numbers from an array.
   b. With Array.forEach() to print the even values.
   c. Print first number > 5
   d. Make new array with double array value using Array.map

6. Alert the sum of 2 numbers, and pass the sum as an argument to alert function (self-invoking function).

7. Study new array's methods then create the following methods and apply it on this array
   var fruits = ["apple", "strawberry", "banana", "orange" ,"mango"];
   a. test that every element in the given array is a string
   b. test that some of array elements starts with "a"
   c. generate new array filtered from the given array with only elements that starts with "b" or "s"
   d. use forEach to display all elements of the new array from previouse point.