**Day 1 Lab Assignments**

1. Try arrow function:
2. With Array.filter() function, to return the odd numbers from an array.
3. With array.forech() to print the even values.
4. With array.map() to print the square of each element.
5. “An arrow function does not create its own this context, unlike the normal literal function.” – Explain with demo.
6. Try for…in, for…of and .foreach() with an array.
7. What’re the differences between for…in, for…of and .foreach().
8. Try spread operator with any array of your implementation.
9. Create a student literal object that contains: name, University, faculty, and final grade, and use print his data in the console using template literals in this format:

{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.
2. Try to add repeated names, will the set accept it?
3. Print the set values using spread operator and using for…of.
4. Make a page that displays a tip for user every 3 seconds, as the following:
5. Create a generator that has an array of 10 tips, and loops on the array and each time returns the next tip.
6. Make a button that loop on the generator and display all tips [Using for…of]
7. Make another button that uses setInterval (with arrow function) to display a tip every 3 seconds from the generator.[use next()].

**<Script>document.write(“Thank YOU”) </Script>**