# Module1, Lesson 1.4, Array

Learning activity 1.4.1

## Array in JavaScript

Important: All questions be tested on console at first place, and you are encouraged to make your program accessible from browser

### Work on the following array questions

 var arr1= [3, 'a', 'b', 'a', 2, 3, 'a', 3, 'a', 2, 4, 9, 3,5,6,8,g,7,t,s,10];

1. Write a program to insert the following data to the array at the beginning of the array 20,30,40 using one of the array methods
2. Write a program to delete the last 3 elements using one of the array methods
3. Write a program to find all items that are less than 5
4. Write a program to display the first and the last element
5. Write a program to create a new sub array of 2,3, a,3 using splice or slice
6. Write a program to replace 4,9,3 of arr1 by x, y, z
7. Write a program to display all the array elements on a browser
8. Write a js program to find the most frequent item of the array

Var arr2 = [[13,5,6,10, 1, 24], [8, 2, 9, 4], [7, 0, 2,27], [7, 4, 28, 14], [1, 10, 26, 6]];

1. Write a program that return 5,6,10,0,1
2. Write a program that return 2,27, 14, 26

2. **Write a JavaScript program to add items in a blank array and display the item on the browser.** **Something as follow with better style and interactive functionality**

**JS Array Demo**

Add to array

Enter a value

Element0 = value1

Element1 = value2

Element2 = value3

Element3 = value4

**3. Modify question number 2 to enter input at the beginning and middle of the array object.**

**4. Study about other JS methods such as filter, map, reduce etc.**