CLASS 58

```javascript
//How to declare the arrays ? the id to be refer for innerHTML is declaration_of_arrays
var fruits = ["Apple", "Orange", "Mango"];
console.log(fruits);
document.getElementById("declaration_of_arrays").innerHTML = fruits;

//How to fetch the first element of the array ? the id to be refer for innerHTML is access_first_element
var first_fruit = fruits[0];
console.log(first_fruit);
document.getElementById("access_first_element").innerHTML = first_fruit;

//How to fetch the second element of the array ? the id to be refer for innerHTML is access_second_element
var second_fruit = fruits[1];
console.log(second_fruit);
document.getElementById("access_second_element").innerHTML = second_fruit;

//How to fetch the third element of the array ? the id to be refer for innerHTML is access_third_element
var third_fruit = fruits[2];
console.log(third_fruit);
document.getElementById("access_third_element").innerHTML = third_fruit;
```

```javascript
//How to get the length of the array ? the id to be refer for innerHTML is display_length_of_array
var length_of_the_array = fruits.length;
console.log(length_of_the_array);
document.getElementById("display_length_of_array").innerHTML = length_of_the_array;

//How to loop the array ? the id to be refer for innerHTML is loop_the_array
var array_value = "";
for (i = 0; i < fruits.length; i++) {
    console.log(fruits[i]);
    array_value = array_value + fruits[i] + "<br>";

document.getElementById("loop_the_array").innerHTML = array_value;

//adding element at the end of the array using push method
//How to add element at the end of the array ? the id to be refer for innerHTML is add_element_at_the_end_of_array
fruits.push("Lemon");
console.log(fruits);
document.getElementById("add_element_at_the_end_of_array").innerHTML = fruits;
```

```javascript
//How to declare array with numbers ? the id to be refer for innerHTML is display_number_array
var numbers = ["45", "4", "9", "16", "25"];
console.log(numbers);
document.getElementById("display_number_array").innerHTML = numbers;

//How to find the maximum number from the array with numbers ? the id to be refer for innerHTML is display_ma
var maximum_number = Math.max.apply(Math, numbers);
console.log(maximum_number);
document.getElementById("display_maximum_number").innerHTML = maximum_number;

//How to find the minimum number from the array with numbers ? the id to be refer for innerHTML is display_mi
var minimum_number = Math.min.apply(Math, numbers);
console.log(minimum_number);
document.getElementById("display_minimum_number").innerHTML = minimum_number;

console.log("ADDITIONAL ACTIVITY");

//adding element at the starting of the array using unshift method
//How to add element at the start of the array ? the id to be refer for innerHTML is add_element_at_the_start
fruits.unshift("watermelon");
console.log(fruits);
document.getElementById("add_element_at_the_start_of_array").innerHTML = fruits;
```

```javascript
//How to more elements at the start of the array ? the id to be refer for innerHTML is add_more_element_at_th
fruits.unshift("strawberry");
console.log(fruits);
document.getElementById("add_more_element_at_the_start_of_array").innerHTML = fruits;

//How to remove elements from the start of the array ? the id to be refer for innerHTML is remove_element_fro
fruits.shift();
console.log(fruits);
document.getElementById("remove_element_from_start_of_array").innerHTML = fruits;

//How to remove elements from the end of the array ? the id to be refer for innerHTML is remove_element_from_
fruits.pop();
console.log(fruits);
document.getElementById("remove_element_from_end_of_array").innerHTML = fruits;

//How declare array with first world country ?
var first_world_countries = ["USA" , "CANADA" , "JAPAN"];

//How declare array with second world country ?
var second_world_countries = ["CHINA" , "RUSSIA" , "ROMANIA"];
```

```javascript
//How to merge two arrays ? the id to be refer for innerHTML is merge_two_arrays
var all_countries = first_world_countries.concat(second_world_countries);
console.log(all_countries);
document.getElementById("merge_two_arrays").innerHTML = all_countries;
```