



Ganpat University

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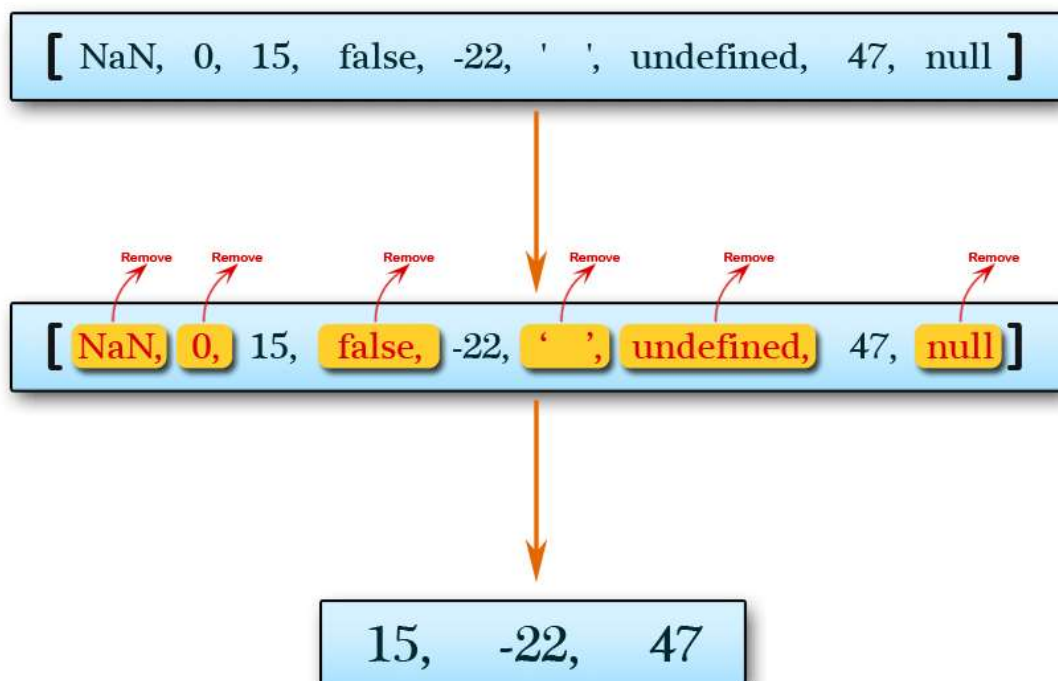
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PRACTICAL 06

- **Objective:** To understand the usage of arrays in JavaScript.
- **Exercise:** You are a data scientist. While analyzing the data in an array, you found a lot of bad entries in it. Now you want to clean the data by removing 'null', '0', '""', 'false', 'undefined' and 'NaN' values from the array. Your task is to:
 1. Clean the data and keep only numeric values for further analysis.
 2. Print the number of elements finally available.
 3. Shuffle the array and display

Write the code snippet in JavaScript.

Example to clean the data:



✓ **Javascript Code:**

```
var tk = [NaN, 0, 15, false, -22, "", undefined, 47, null]
//tk identify old array
console.log('Array Before: ' + tk)
console.log('Array Length: ' + tk.length)
// newtk identify new array
var nulified = [NaN, 0, false, '', undefined, null]
var newtk = tk.filter(function (val) {
    return !nulified.includes(val);
});
console.log('Array After: ' + newtk)
console.log('Array Length: ' + newtk.length)
```

✓ **Output:**

```
PS C:\Users\tusha\Documents\SEM 4\FET\PRACTICALS\6> node "c:\Users\tusha\Documents\SEM 4\FET\PRACTICALS\6\6_1.js"
Array Before: NaN,0,15,false,-22,,47,
Array Length: 9
Array After: 15,-22,47
Array Length: 3
PS C:\Users\tusha\Documents\SEM 4\FET\PRACTICALS\6> []
```