Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA          Batch - 41
FET Practical 5
Code Link for all practicals :
https://github.com/yashslakhtariya/sem4practicals/tree/main/FET

# Institute of Computer Technology
# B. Tech. Computer Science and Engineering

## Sub: FET (2CSE410)
## Practical - 6 (Arrays)

## 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.

**Code :**

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <title>FET Practical 6 by YSL</title>

</head>
<body>
```

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```
    <script>

        y = [NaN, 0, 15, false, -22, ' ', undefined, 47, null, 64, 16,
-32];

        y = y.filter(i ⟹ typeof i ≡ "number" && i≠0 && isFinite(i));

        alert(y);


        function shuffleArray(array)

        {

            return array.sort(()⟹ Math.random()-0.5);

        };

        y = shuffleArray(y);

        alert(y);

    </script>

</body>

</html>
```

**Output :**

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