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<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Array operations</title>
</head>

<body>
  <html>

    <head>
      <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
      <title>Assignment 6</title>
    </head>
    <style>
      body {
        background-color: #ffffff;
      }

      hr {
        height: 2px;
        background-color: black;
        border: none;
      }
    </style>

    <body style="text-align: center;">

      <hr>
      <h2>42215: Yash ASSIGNMENT6</h2>
      <br><br>
      <form class="" method="post">
        <input type="text" id='1' /> :
        <button type="button" name="button" onclick="lengthh()">Submit
Array
        Length</button><br><br>
        <input type="text" id='2' /> :
        <button type="button" name="button" onclick="arrayip()">Submit
Array
        Values</button><br><br>
        <input type="text" id='delete' /> :
        <button type="button" name="button" onclick="del()">Delete Array
        Element</button><br><br>
        <input type="text" id='fnd' /> :
        <button type="button" name="button" onclick="find()">Find Array

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        Element</button><br><br>
Result : <span id="res"></span><br><br>
        <button type="button" name="button" onclick="Empty()">Empty
Array</button>
        <button type="button" name="button" onclick="Display()">Display
Array</button><br><br>
    </div>
    <script>
        var n;
        function lengthh() {
            n = document.getElementById('1').value;
            var str = "You have entered length:" + n;
            document.getElementById("res").innerHTML = str;
        }
        var Array = [n];
        function arrayip() {
            let arrval = document.getElementById('2').value;
            Array = arrval.split(',');
            console.log(Array)
            if (Array.length > n) {
                var str = "You have entered more elements as compared
to the array size";
                document.getElementById("res").innerHTML = str;
            } else {
                var str = "You have entered :" + Array;
                document.getElementById("res").innerHTML = str;
            }
        }
        function del() {
            let val = document.getElementById('delete').value;
            console.log(Array, Array[0], "\n");
            var f = Array.indexOf(val);
            console.log(f);
            if (f == -1) {
                var str = "Value :" + val + " is not present in
array";
                document.getElementById("res").innerHTML = str;
            } else {
                delete Array[f]; var str = "Value :" + val + " is
deleted";
                document.getElementById("res").innerHTML = str;
            }
        }
        function find() {
            var val = document.getElementById('fnd').value;
            var f = Array.indexOf(val);
            if (f == -1) {
                var str = "Value :" + val + " is not present in
array";

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        document.getElementById("res").innerHTML = str;
    } else {
        var str = "Value :" + val + " is present in array";
        document.getElementById("res").innerHTML = str;
    }
}
function Empty() {
    Array = [];
    document.getElementById("res").innerHTML = "Array is
Emptied";
}
function Display() {
    var str
    = ""; for (var i = 0; i < Array.length;
    i++) {
        if (Array[i] != undefined)
            str += Array[i] + " ";
    }
    document.getElementById("res").innerHTML = str;
}
</script>
</body>

</html>

```