

Searching of Elements in an Array

HTML Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <title>Searching in Array</title>

  <link rel="stylesheet" href="11_searchingelement.css">

</head>

<body>

  <div class="content">

    <div class="heading">

      <h1>Searching in Array</h1>

    </div>

    <form>

      <div class="form-control">

        <label for="val1">Enter the size of Array: </label>

        <input type="number" name="val1" id="val1" placeholder="Enter the size of Array"
required>

      </div>

      <div class="form-control">

        <label for="val2">Enter the Elements of Array (Seperated by space): </label>

        <input type="text" name="val2" id="val2" placeholder="Enter the Elements of Array"
required>

      </div>

      <div class="form-control">

        <label for="val3">Enter the Elements to Find in Array: </label>

        <input type="text" name="val3" id="val3" placeholder="Enter the Elements to Find in
Array:" required>

      </div>

      <div class="btn-control">

        <input class="btn" type="button" id="btn" value="Find Element">

      </div>

    </form>
```

```
<div class="result">
  <h3 id="output"></h3>
</div>
</div>
```

```
<script src="11_searchingelements.js"></script>
</body>
```

```
</html>CSS Code:
```

```
*{
  margin: 0;
  padding: 0;
}
body{
  display: flex;
  align-items: center;
  justify-content: center;
  min-height: 100vh;
}
/* For arrow remover */
input::-webkit-outer-spin-button,
input::-webkit-inner-spin-button {
  margin: 0;
}
.heading h1 {
  text-align: center;
  color: black;
  font-size: 35px;
  margin-bottom: 30px;
}
.content{
```

```
width: 45%;
background: linear-gradient(180deg, #f2df61, #00000057);
padding: 40px;
box-shadow: 5px 10px 18px #888888;}

.form-control{
  display: flex;
  flex-direction: column;
  margin-bottom: 18px;}

.form-control label{
  font-size: 24px;
  color: black;
  font-weight: 700;
  margin-bottom: 12px;
}

.form-control input{
  padding: 12px;
  font-size: 14px;
  outline: none;
  border: none;
  border-radius: 6px;
  color: gray;}

.form-control select{
  padding: 12px;
  font-size: 14px;
  outline: none;
  border: none;
  border-radius: 6px;
  margin-bottom: 15px;
  color: gray;}

.btn-control{
  display: flex;
  flex-direction: column;
```

```
margin-bottom: 18px;
align-items: center;}
.btn-control .btn{
padding: 12px;
font-size: 16px;
outline: none;
border: none;
border-radius: 6px;
cursor: pointer;
width: 30%;
color: rgb(71, 69, 69);}
.result h3{
color: black;
font-size: 32px;
margin-top: 25px;}
```

JavaScript Code:

```
const btn = document.getElementById('btn');
var val1 = document.getElementById('val1');
var val2 = document.getElementById('val2');
var val3 = document.getElementById('val3');
const output = document.getElementById('output');

output.innerText = "";

btn.addEventListener('click', function (e) {
    var size = parseInt(val1.value);
    var inputArr = val2.value;
    var array = inputArr.split(" ");
    var element = val3.value;
    var res = false;
    if (size === "" || array === "" || element === "") {
        output.innerText = "Please fill all details.";
```

```
        return
    }
    var i;
    for(i=0; i<size; i++){
        if(array[i] === element){
            res = true;
            break;
        }
    }
    if(res){
        output.innerText = `${element} is present in given array at position ${i+1}.`;
    }else{
        output.innerText = `${element} is not present in given array.`;
    }
})
```

Output :

Searching in Array

Enter the size of Array:

Enter the Elements of Array (Seperated by space):

Enter the Elements to Find in Array:

7 is present in given array at position 4.

