

## Practical 6

**Question:** Write a JavaScript program that will create an array and perform following operations.

- i. To remove specific element from the array.
- ii. Check if an array contains a specified value.
- iii. To empty an array.

**Code:**

```
<!DOCTYPE html>
<head>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/p5.js/0.9.0/p5.min
.js"></script>
</head>
<body>
<script>
//JavaScriptcodetoillustratesplice()function var arr = ["Banana",
"Orange", "Apple", "Mango"];
document.write("OriginalArray:"+arr+"<br>"); function delete1()
{
  // Removing the specified element from the array
  varelement=prompt("Enterthearrayelementtobe
removed!");
  varflag=0;
  for(vari=0;i<=arr.length;i++){ if(arr[i]==element){
  var spliced = arr.splice(i, 1);
  document.write("Removedelement:"+spliced+"<br>");
  document.write("Remaining elements: " + arr);
  flag=1;
  break;
  }
  }
  if(flag==0){
  document.write("Element Not Found");
  }
}
function search(){
  // Searching specified element from the array
```

```

varelement=prompt("Enterthearrayelementtobe Searched!");
var flag=0;
for(vari=0;i<=arr.length;i++){ if(arr[i]==element){
document.write("Elementfoundatposition"+(i+1)+"<br>"); flag=1;
break;
}
}
if(flag==0){
document.write("Element Not Found!");
}
}
function arrayEmpty(){ arr.splice(0,arr.length);
if(arr.length==0){
document.write("Array is Empty"+"<br>");
}
}
delete1 (); search();
arrayEmpty();
</script>
</body>
</html>

```

## Output:

