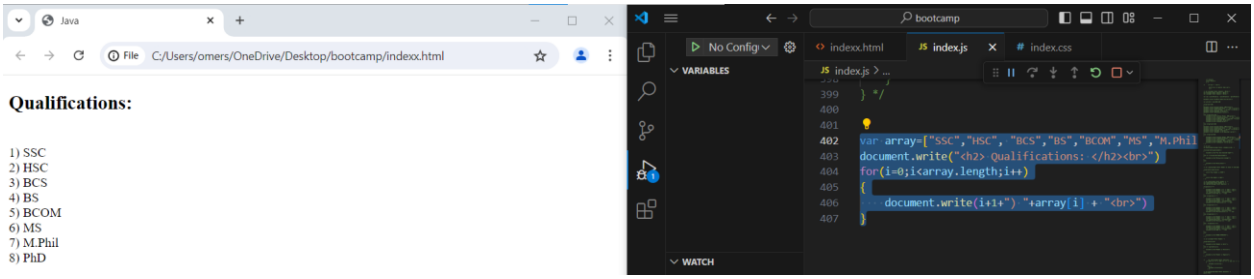
Test 3 Javascript

Code:

```
var array=["SSC","HSC", "BCS","BS","BCOM","MS","M.Phil","PhD"]

document.write("<h2> Qualifications: </h2><br>")

for(i=0;i<array.length;i++)

{

   document.write(i+1+") "+array[i] + "<br>")

}
```

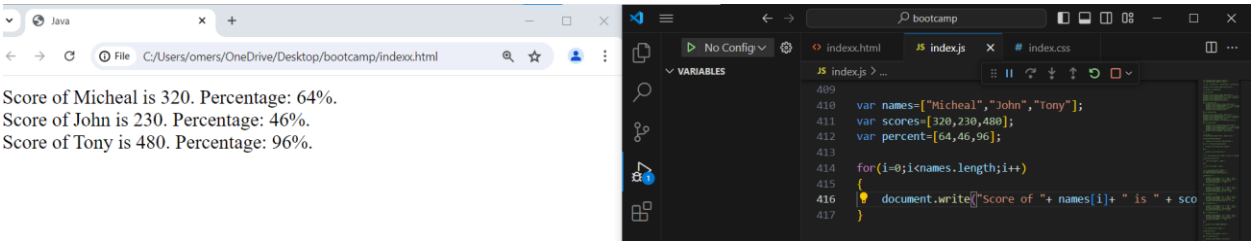
Output:



Code:

```
var names=["Micheal","John","Tony"];

var scores=[320,230,480];

var percent=[64,46,96];


for(i=0;i<names.length;i++)

{

   document.write("Score of "+ names[i]+ " is " + scores[i] + "." + " Percentage: " + percent[i] + "%.<br>")

}
```

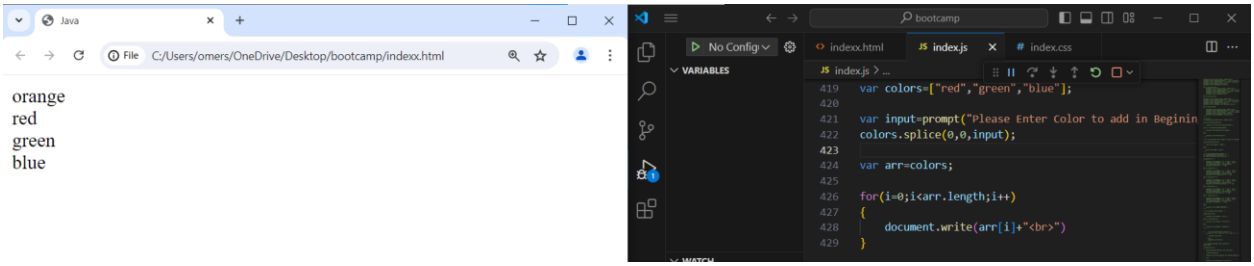
Output:



Code:

```
var colors=["red","green","blue"];


var input=prompt("Please Enter Color to add in Begining: ");

colors.splice(0,0,input);


var arr=colors;


for(i=0;i<arr.length;i++)

{

   document.write(arr[i]+"<br>")

}
```

Output:

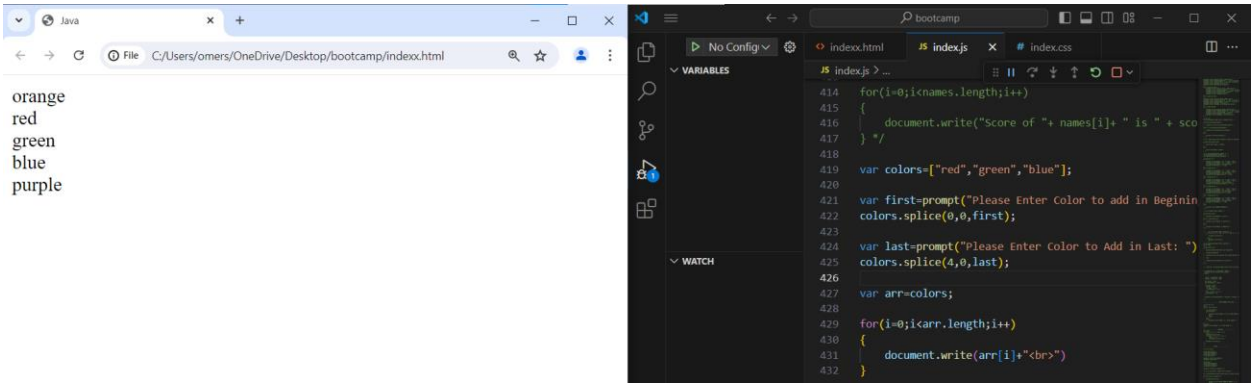


Code:

```
var colors=["red","green","blue"];


var first=prompt("Please Enter Color to add in Begining: ");
```

```
colors.splice(0,0,first);

var last=prompt("Please Enter Color to Add in Last: ");
colors.splice(4,0,last);

var arr=colors;

for(i=0;i<arr.length;i++)
{
   document.write(arr[i]+"<br>")
}
```

Output:

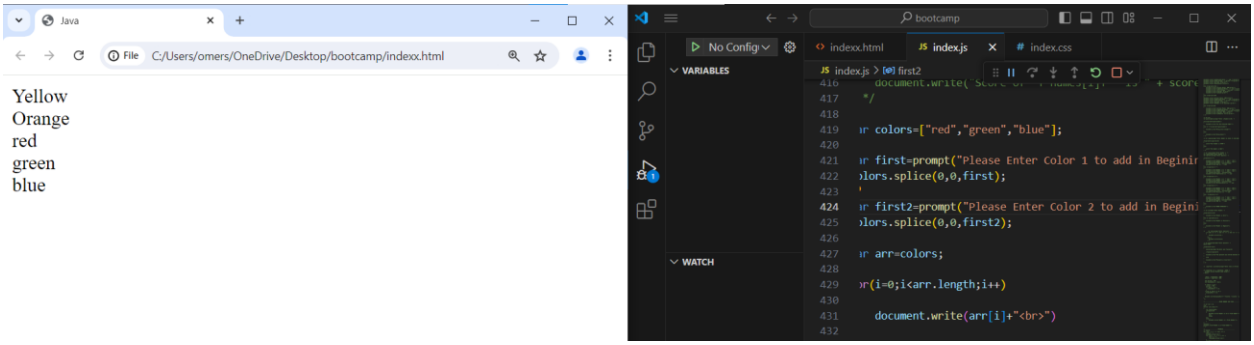


Code:

```
var colors=["red","green","blue"];

var first=prompt("Please Enter Color 1 to add in Begining: ");
colors.splice(0,0,first);

var first2=prompt("Please Enter Color 2 to add in Begining: ");
```

```
colors.splice(0,0,first2);


var arr=colors;


for(i=0;i<arr.length;i++)
{
   document.write(arr[i]+"<br>")
}
```

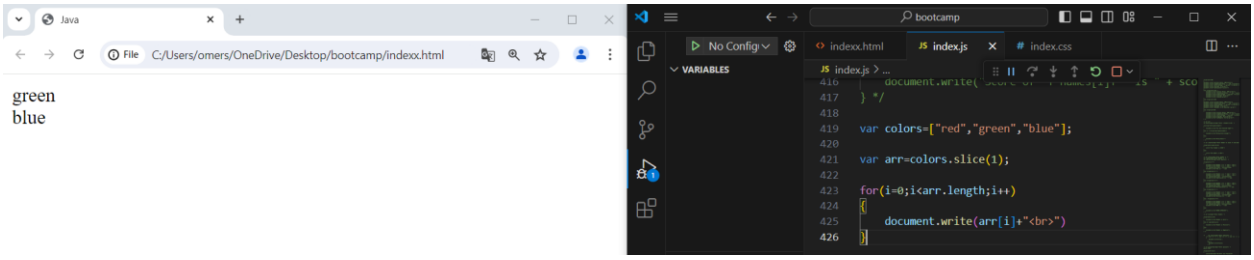
Output:



Code:

```
var colors=["red","green","blue"];


var arr=colors.slice(1);


for(i=0;i<arr.length;i++)
{
   document.write(arr[i]+"<br>")
}
```

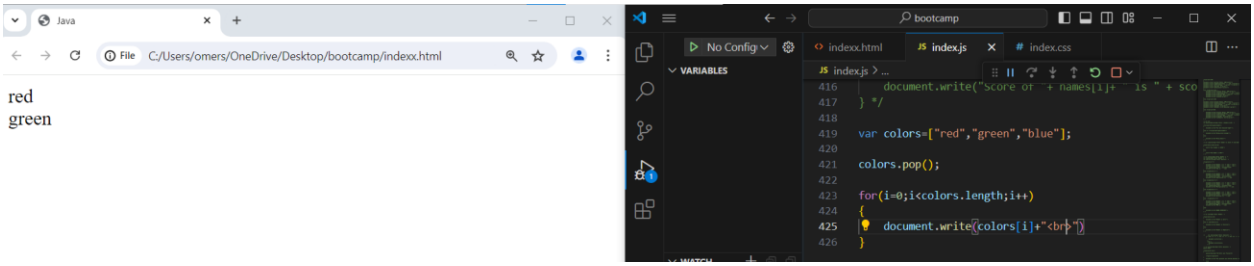
Output:



Code:

```
var colors=["red","green","blue"];


colors.pop();


for(i=0;i<colors.length;i++)
{
   document.write(colors[i]+"<br>")
}
```

Output:

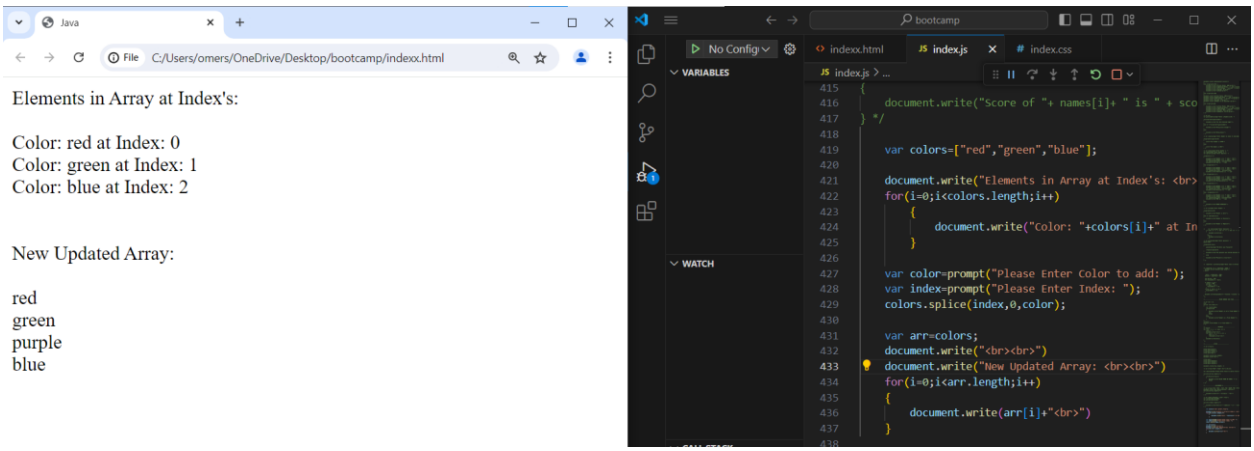


Code:

```
   var colors=["red","green","blue"];


   document.write("Elements in Array at Index's: <br><br>")
   for(i=0;i<colors.length;i++)
```

```
{
   document.write("Color: "+colors[i]+" at Index: "+ i +"<br>")
}

var color=prompt("Please Enter Color to add: ");
var index=prompt("Please Enter Index: ");
colors.splice(index,0,color);

var arr=colors;
document.write("<br><br>")
document.write("New Updated Array: <br><br>")
for(i=0;i<arr.length;i++)
{
   document.write(arr[i]+"<br>")
}
```

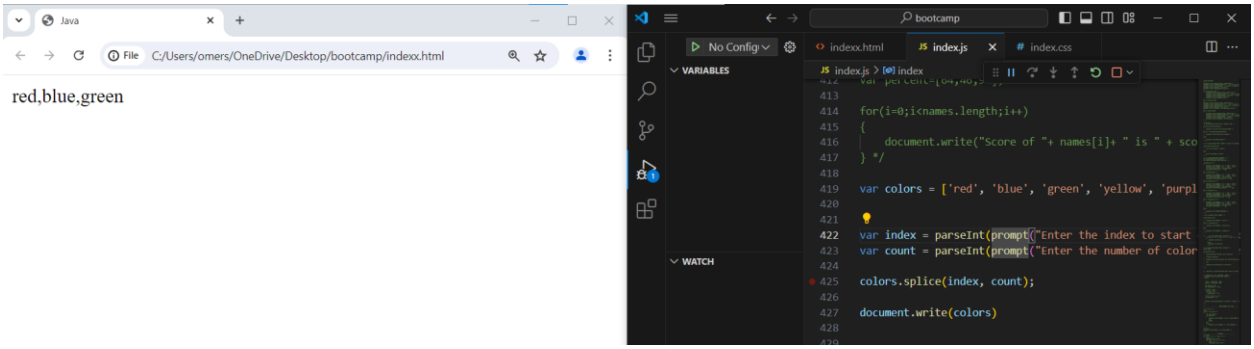
Output:



Code:

```
var colors = ['red', 'blue', 'green', 'yellow', 'purple'];


var index = parseInt(prompt("Enter the index to start deletion:"));
var count = parseInt(prompt("Enter the number of colors to delete:"));


colors.splice(index, count);


document.write(colors)
```

Output:



Code:

```
var cities=["Karachi","Lahore", "Islamabad","Quetta", "Peshawar"]


var first=prompt("Enter Index to Start Selecting from: ");
var select=prompt("How many Countries to Select: ")


var arr=cities.slice(first,select)
document.write("Cities List: <br>")
document.write(cities);
```

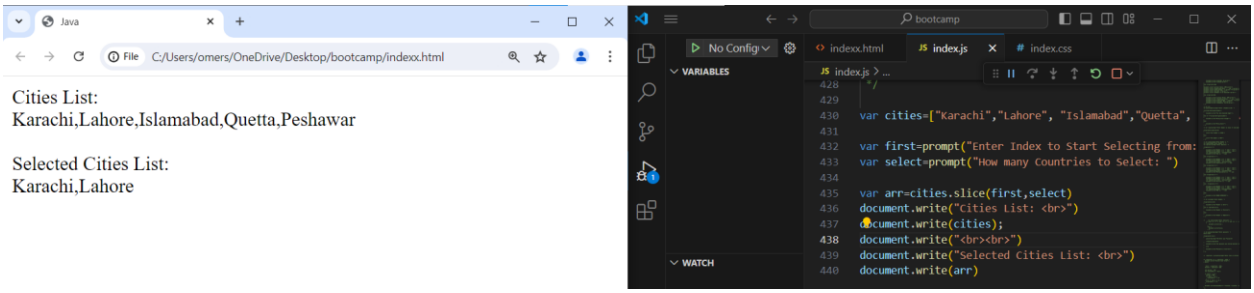
document.write("

")

document.write("Selected Cities List:
")

document.write(arr)

Output:



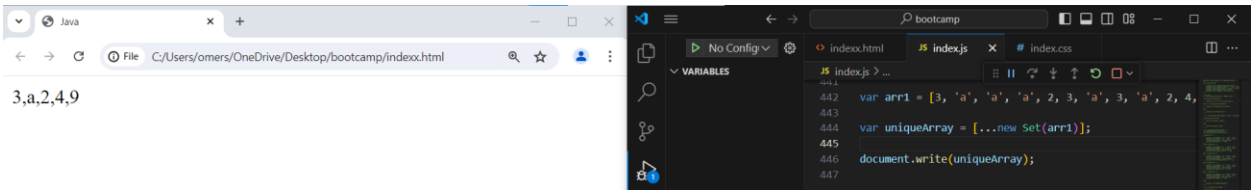
Code:

var arr1 = [3, 'a', 'a', 'a', 2, 3, 'a', 3, 'a', 2, 4, 9, 3];

var uniqueArray = [...new Set(arr1)];

document.write(uniqueArray);

Output:



Code:

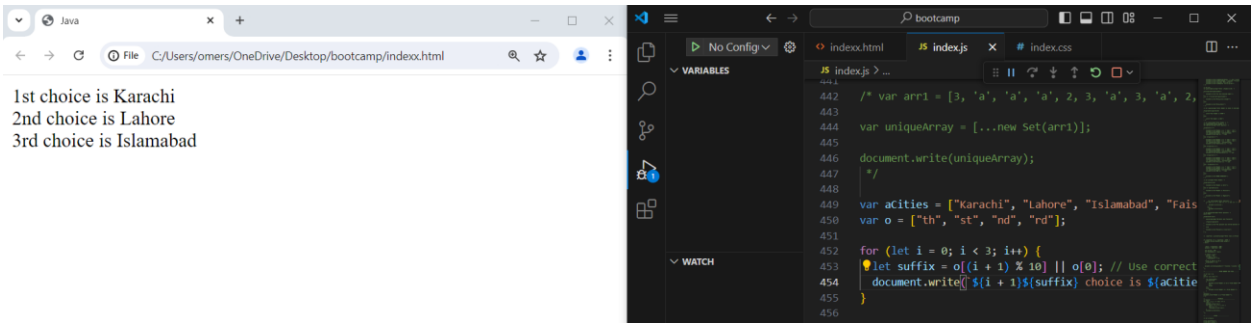
var aCities = ["Karachi", "Lahore", "Islamabad", "Faisalabad"];

var o = ["th", "st", "nd", "rd"];

for (let i = 0; i < 3; i++) {

```
  let suffix = o[(i + 1) % 10] || o[0]; // Use correct ordinal suffix
  document.write(`${i + 1}${suffix} choice is ${aCities[i]}` + "<br>");
}
```

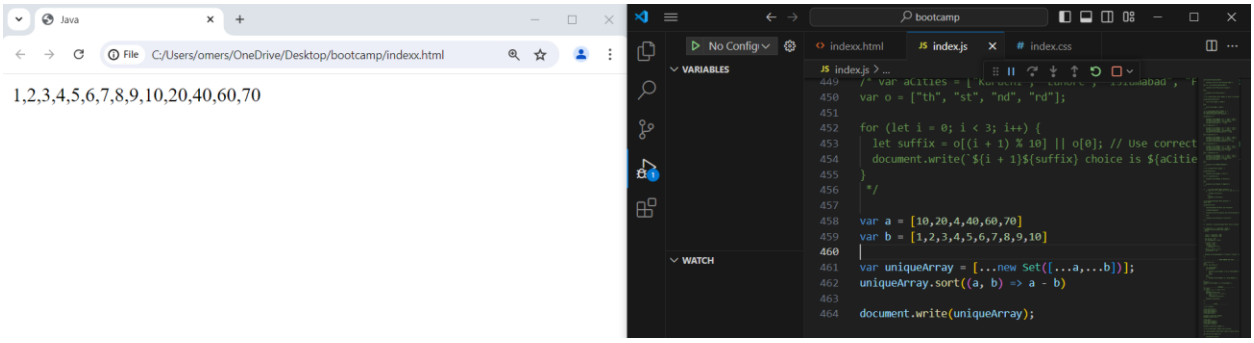
Output:



Code:

```
var a = [10,20,4,40,60,70]

var b = [1,2,3,4,5,6,7,8,9,10]


var uniqueArray = [...new Set([...a,...b])];

uniqueArray.sort((a, b) => a - b)


document.write(uniqueArray);
```

Output:

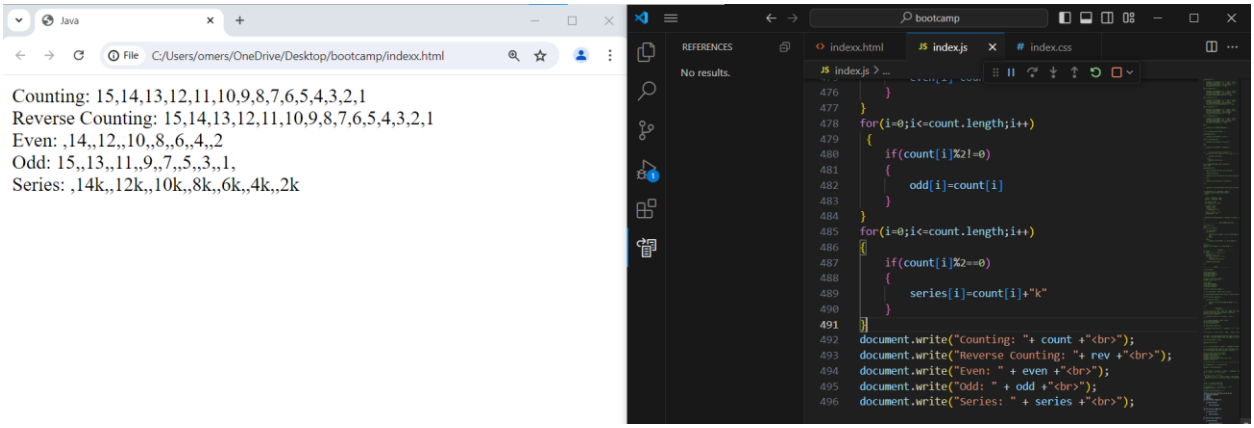


Code:

```
count=[1,2,3,4,5,6,7,8,9,10,11,12,13,14,15];

var rev=count.reverse()

var even=[]

var odd=[];

var series=[];

for(i=0;i<=count.length;i++)

{

  if(count[i]%2==0)

  {

    even[i]=count[i]

  }

}

for(i=0;i<=count.length;i++)

 {

  if(count[i]%2!=0)

  {

    odd[i]=count[i]

  }
```

```
}
for(i=0;i<=count.length;i++)
{
  if(count[i]%2==0)
  {
    series[i]=count[i]+"k"
  }
}
document.write("Counting: "+ count +"<br>");
document.write("Reverse Counting: "+ rev +"<br>");
document.write("Even: " + even +"<br>");
document.write("Odd: " + odd +"<br>");
document.write("Series: " + series +"<br>");
```

Output:

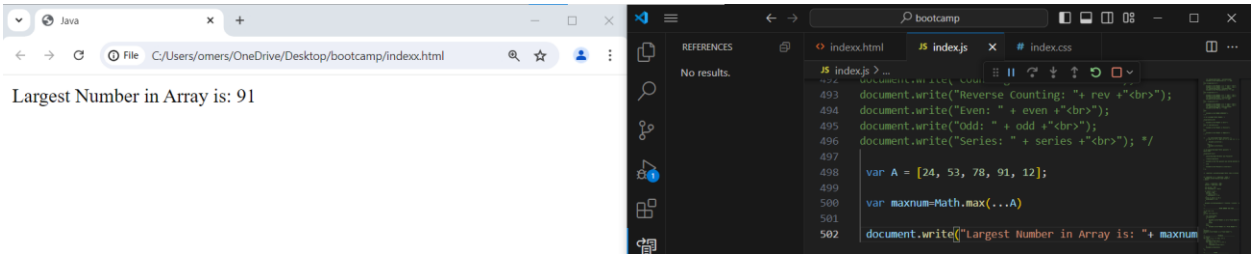


Code:

```
var A = [24, 53, 78, 91, 12];

 var maxnum=Math.max(...A)
```

document.write("Largest Number in Array is: "+ maxnum)

Output:



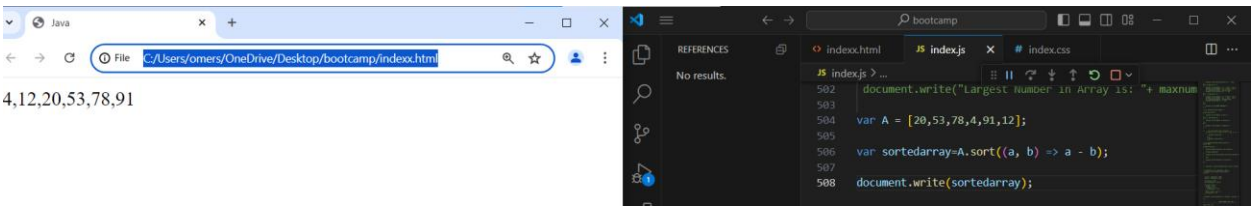
Code:

var A = [20,53,78,4,91,12];

var sortedarray=A.sort((a, b) => a - b);

document.write(sortedarray);

Output:



Code:

var A = ["cake", "apple pie", "cookie", "chips", "patties"]

var option=prompt("Please Enter Bakery Item: ")

x=1;

for(i=0;i<A.length;i++)

```
  {
  if(option==A[i])
  {
    alert("Bakery Iten: "+ option + " has been found at Index: "+ i);
    x=0;
  }
}
if(x=1)
{
  alert("Bakery Item: "+ option + " is not Available.");
}
```

Output: