PRAKTIKUM APLIKASI WEB

DAY 5

(JAVA SCRIPT TINGKAT LANJUT)

JAVA SCRIPT TINGKAT LANJUT

1. **Percobaan 1 (string object)**
   Source js1.html :
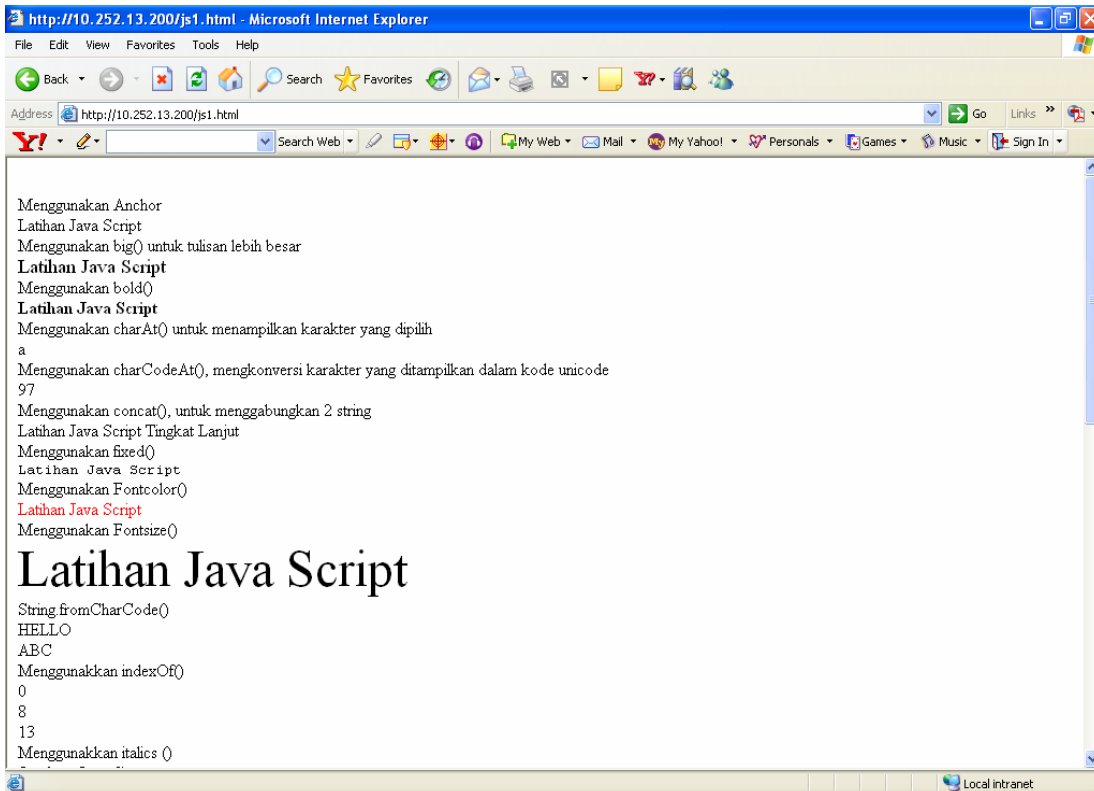
```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<SCRIPT language="Javascript">
function test ()
{
var str="Latihan Java Script"
document.write("<br>"+"Menggunakan Anchor"+"<br>")
document.write(str.anchor("myanchor"))
document.write("<br>"+"Menggunakan big() untuk tulisan lebih besar"+"<br>")
document.write(str.big())
document.write("<br>"+"Menggunakan bold()"+"<br>")
document.write(str.bold())
document.write("<br>"+"Menggunakan charAt() untuk menampilkan karakter yang dipilih"+"<br>")
document.write(str.charAt(1))
document.write("<br>"+"Menggunakan charCodeAt(), mengkonversi karakter yang ditampilkan dalam kode unicode"+"<br>")
document.write(str.charCodeAt(1))
document.write("<br>"+"Menggunakan concat(), untuk menggabungkan 2 string"+"<br>")
var str1=" Tingkat Lanjut"
document.write(str.concat(str1))
document.write("<br>"+"Menggunakan fixed()"+"<br>")
document.write(str.fixed())
document.write("<br>"+"Menggunakan Fontcolor()"+"<br>")
document.write(str.fontcolor("Red"))
document.write("<br>"+"Menggunakan Fontsize()"+"<br>")
document.write(str.fontsize(7))
document.write("<br>"+" String.fromCharCode()"+"<br>")
document.write(String.fromCharCode(72,69,76,76,79))
document.write("<br />")
document.write(String.fromCharCode(65,66,67))
document.write("<br>"+"Menggunakkan indexOf()"+"<br>")
document.write(str.indexOf("Latihan") + "<br />")
document.write(str.indexOf("Java") + "<br />")
document.write(str.indexOf("Script"))
document.write("<br>"+"Menggunakkan italics ()"+"<br>")
document.write(str.italics())
document.write("<br>"+"Menggunakkan lastIndexOf ()"+"<br>")
document.write(str.lastIndexOf("Latihan") + "<br />")
document.write(str.lastIndexOf("Java") + "<br />")
document.write(str.lastIndexOf("script"))
document.write("<br>"+"Menggunakkan link ()"+"<br>")
document.write(str.link("http://www.detik.com"))
document.write("<br>"+"Menggunakkan math()"+"<br>")
document.write(str.match("Java") + "<br />")
document.write(str.match("java") + "<br />")
document.write(str.match("javva") + "<br />")
document.write(str.match("javaa"))
document.write("<br>"+"Menggunakkan replace()"+"<br>")
document.write(str.replace(/Java/, "Jawa"))
document.write("<br>"+"Menggunakkan search()"+"<br>")
document.write(str.search(/Java/))
document.write("<br>"+"Menggunakkan slice()"+"<br>")
```

```
document.write(str.slice(6))
document.write("<br>"+"Menggunakkan small()"+"<br>")
document.write(str.small())
document.write("<br>"+"Menggunakkan split()"+"<br>")
document.write(str.split(" ") + "<br />")
document.write(str.split("") + "<br />")
document.write(str.split(" ",3))
document.write("<br>"+"Menggunakkan strike()"+"<br>")
document.write(str.strike())
document.write("<br>"+"Menggunakkan sub()"+"<br>")
document.write(str.sub())
document.write("<br>"+"Menggunakkan substr()"+"<br>")
document.write(str.substr(3))
document.write("<br>"+"Menggunakkan substring()"+"<br>")
document.write(str.substring(3,7))
document.write("<br>"+"Menggunakkan sup()"+"<br>")
document.write(str.sup())
document.write("<br>"+"Menggunakkan toLowerCase ()"+"<br>")
document.write(str.toLowerCase())
document.write("<br>"+"Menggunakkan toUpperCase ()"+"<br>")
document.write(str.toUpperCase())
}
</SCRIPT>
<BODY>
<input type="button" name="button1" value="String Object" onclick=test()>
</BODY>
 </HTML>
```

Hasil :

2. **Percobaan 2 (array object-concat)**
   Source Code js2.html :

```html
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<script type="text/javascript">

var arr = new Array(3)
arr[0] = "Jani"
arr[1] = "Tove"
arr[2] = "Hege"

var arr2 = new Array(3)
arr2[0] = "John"
arr2[1] = "Andy"
arr2[2] = "Wendy"

document.write(arr.concat(arr2))

</script>
</BODY>
</HTML>
```
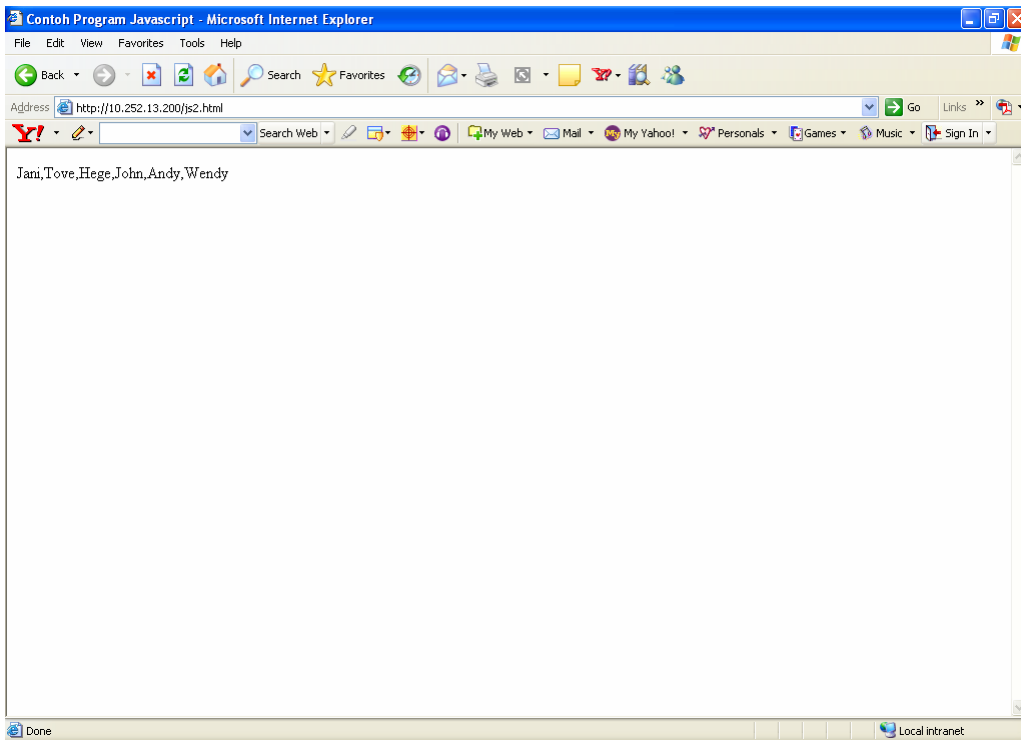
Hasil :

3. **Percobaan 3 (array object-join)**
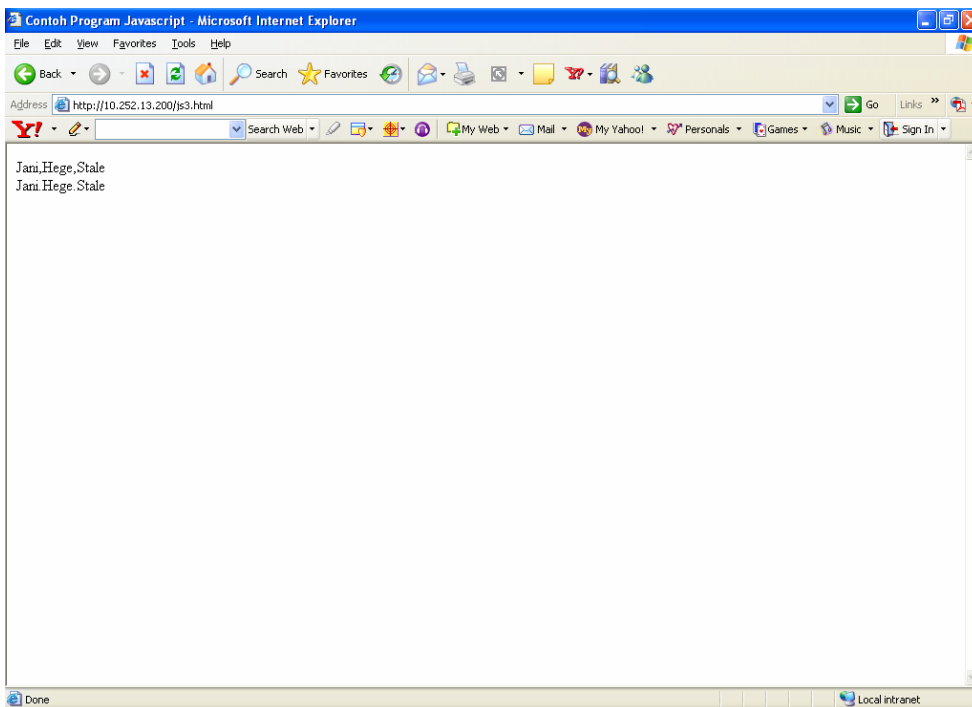   Source Code js3.html :
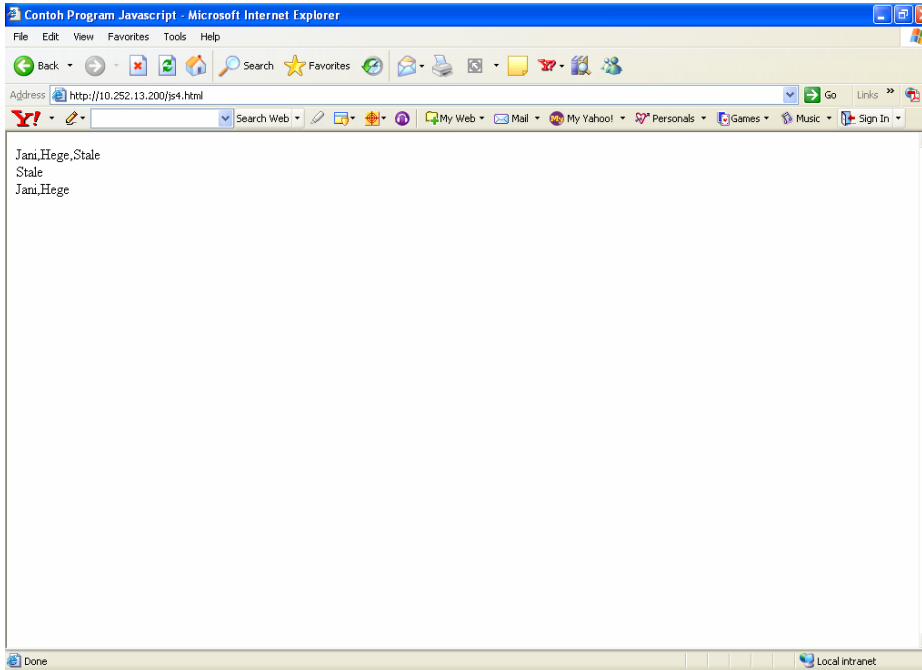   ```
   <HTML>
   <HEAD>
   <TITLE>Contoh Program Javascript</TITLE>
   </HEAD>
   <BODY>
   <script type="text/javascript">
   var arr = new Array(3)
   arr[0] = "Jani"
   arr[1] = "Hege"
   arr[2] = "Stale"
   document.write(arr.join() + "<br />")
   document.write(arr.join("."))
   </script>
   </BODY>
   </HTML>
   ```

   Hasil :



4. **Percobaan 4 (array object-pop)**
   Source Code js4.html :
   ```
   <HTML>
   <HEAD>
   <TITLE>Contoh Program Javascript</TITLE>
   </HEAD>
   <BODY>
   <script type="text/javascript">
   var arr = new Array(3)
   arr[0] = "Jani"
   arr[1] = "Hege"
   arr[2] = "Stale"
   document.write(arr + "<br />")
   document.write(arr.pop() + "<br />")
   ```

```
document.write(arr)
</script>
</BODY>
</HTML>
```
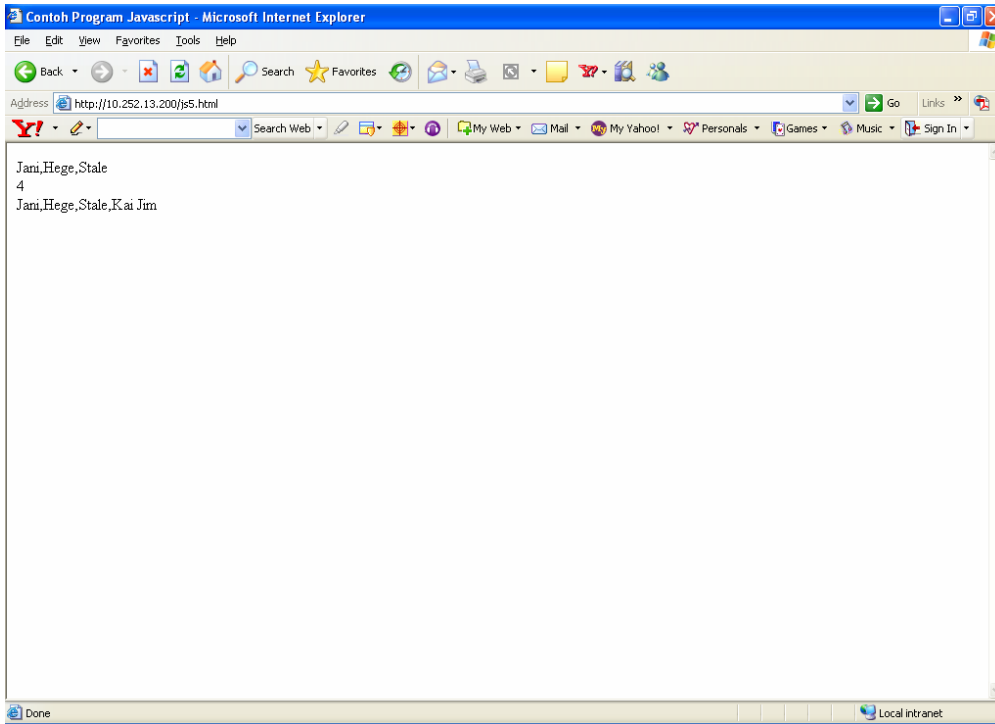
Hasil :



**5. Percobaan 5 (array object-push)**
Source Code js5.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<script type="text/javascript">
var arr = new Array(3)
arr[0] = "Jani"
arr[1] = "Hege"
arr[2] = "Stale"
document.write(arr + "<br />")
document.write(arr.push("Kai Jim") + "<br />")
document.write(arr)
</script>
</BODY>
</HTML>
```
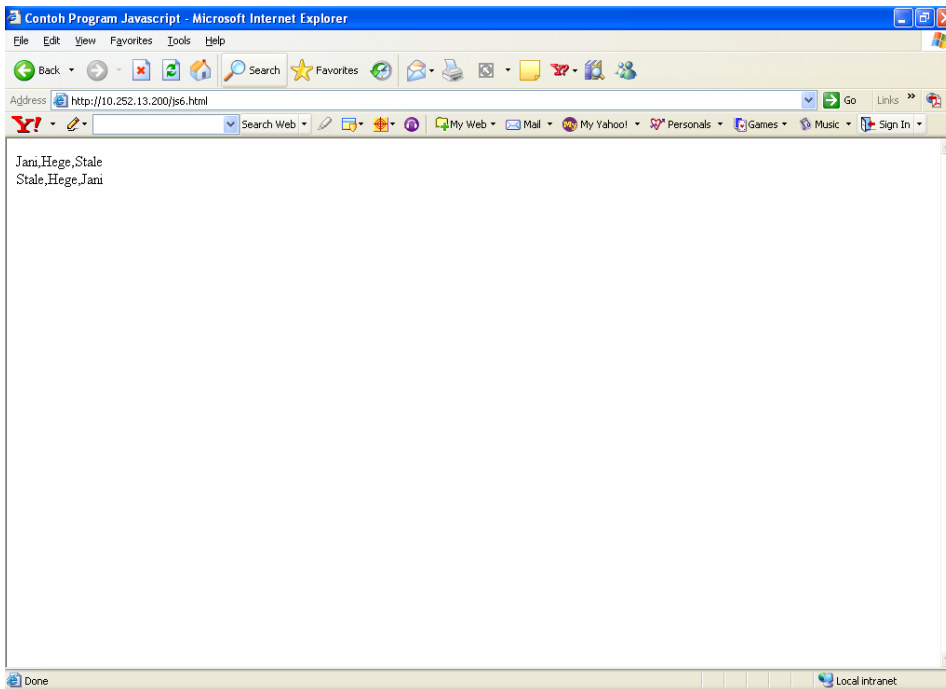
Hasil :

Jani,Hege,Stale
4
Jani,Hege,Stale,Kai Jim

6.  **Percobaan 6 (array object-reverse)**
    Source Code js6.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<script type="text/javascript">
var arr = new Array(3)
arr[0] = "Jani"
arr[1] = "Hege"
arr[2] = "Stale"
document.write(arr + "<br />")
document.write(arr.reverse())
</script>
</BODY>
</HTML>
```
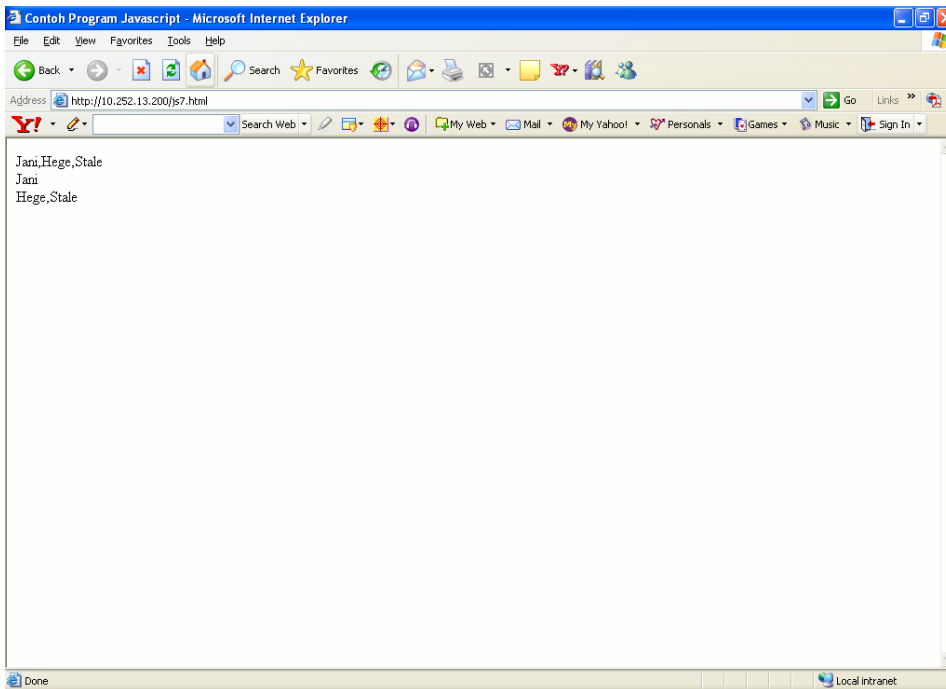
Hasil :

Jani,Hege,Stale
Stale,Hege,Jani

**7. Percobaan 7 (array object-shift)**
Source Code js7.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<script type="text/javascript">
var arr = new Array(3)
arr[0] = "Jani"
arr[1] = "Hege"
arr[2] = "Stale"
document.write(arr + "<br />")
document.write(arr.shift() + "<br />")
document.write(arr)
</script>
</BODY>
</HTML>
```
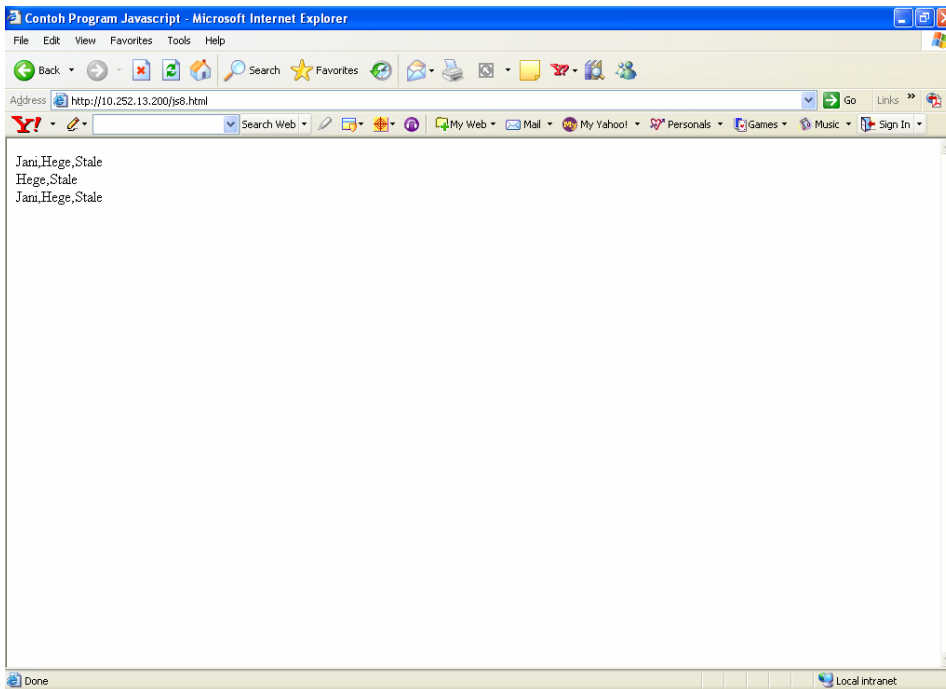
Hasil :

**8. Percobaan 8 (array object-slice)**

Source Code js8.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<script type="text/javascript">
var arr = new Array(3)
arr[0] = "Jani"
arr[1] = "Hege"
arr[2] = "Stale"
document.write(arr + "<br />")
document.write(arr.slice(1) + "<br />")
document.write(arr)
</script>
</BODY>
</HTML>
```
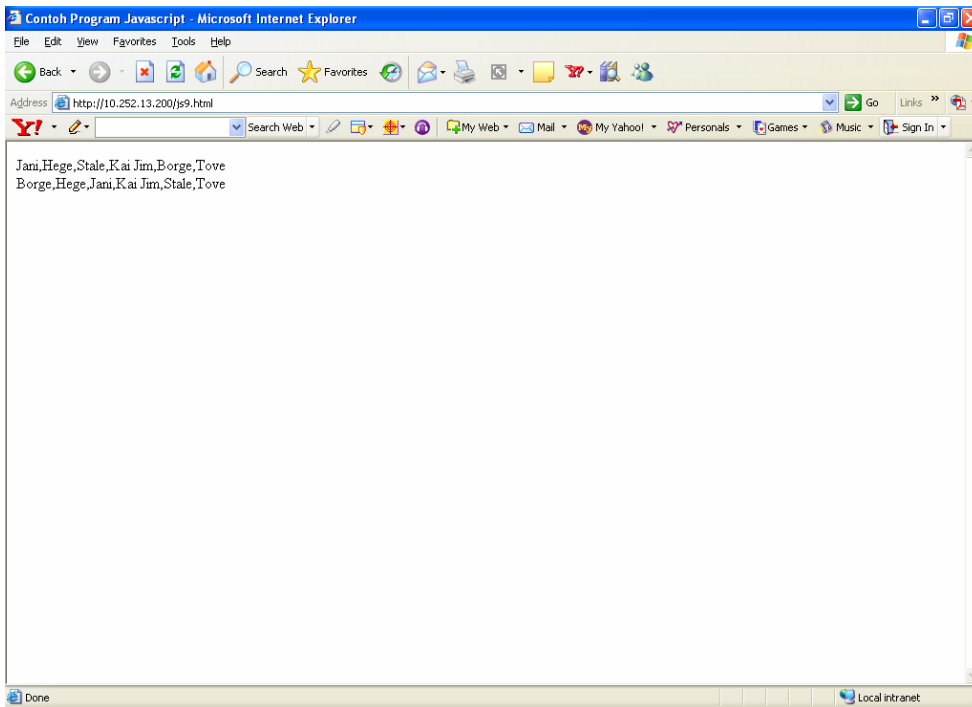
Hasil :

Jani,Hege,Stale
Hege,Stale
Jani,Hege,Stale

9. **Percobaan 9 (array object-sort)**
Source Code js9.html :
```html
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<script type="text/javascript">
var arr = new Array(6)
arr[0] = "Jani"
arr[1] = "Hege"
arr[2] = "Stale"
arr[3] = "Kai Jim"
arr[4] = "Borge"
arr[5] = "Tove"
document.write(arr + "<br />")
document.write(arr.sort())
</script>
</BODY>
</HTML>
```
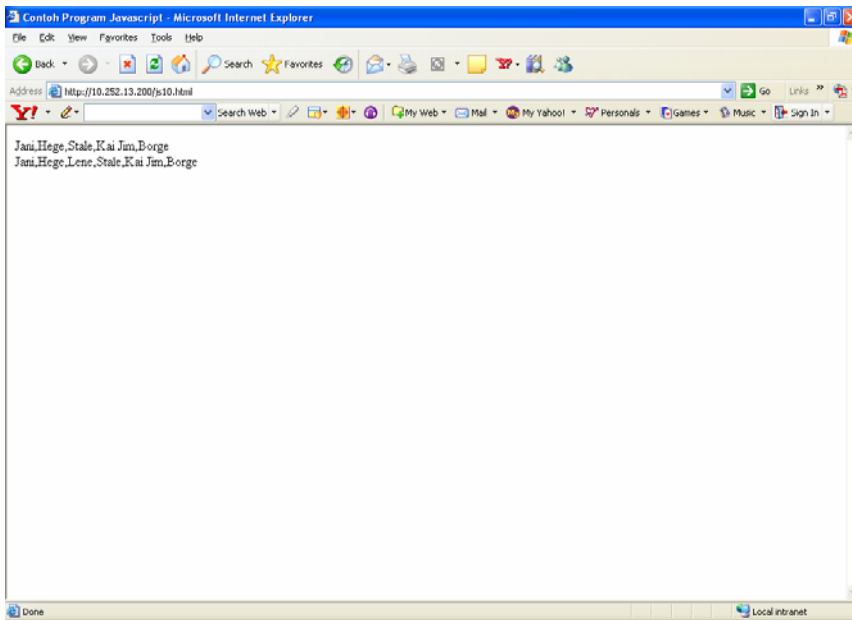
Hasil :

Jani,Hege,Stale,Kai Jim,Borge,Tove
Borge,Hege,Jani,Kai Jim,Stale,Tove

10. **Percobaan 10 (array object-splice)**

Source Code js10.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<script type="text/javascript">
var arr = new Array(5)
arr[0] = "Jani"
arr[1] = "Hege"
arr[2] = "Stale"
arr[3] = "Kai Jim"
arr[4] = "Borge"
document.write(arr + "<br />")
arr.splice(2,0,"Lene")
document.write(arr + "<br />")
</script>
</BODY>
</HTML>
```
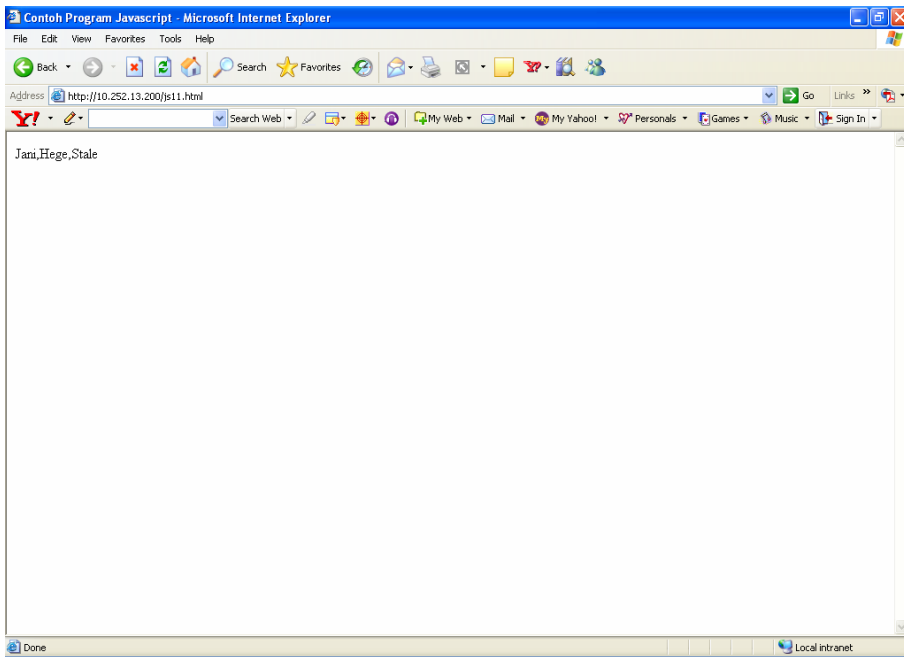
Hasil :

11. **Percobaan 11 (array object-toString())**
Source Code js11.html :
```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<script type="text/javascript">
var arr = new Array(3)
arr[0] = "Jani"
arr[1] = "Hege"
arr[2] = "Stale"
document.write(arr.toString())
</script>
</BODY>
</HTML>
```

Hasil :

Tugas Praktikum :

Masing-masing percobaan, anda jalankan dan anda lihat hasilnya. Tugas anda adalah menjelaskan masing-masing percobaan dengan format sebagai berikut :

1. Nama Percobaan
   Syntax :
   Definisi dan kegunaan syntax :

Contoh :

2. Percobaan 2 (array object-concat)

- Syntax : arrayObject.concat(arrayX,arrayX,......,arrayX)
- Definisi dan kegunaan syntax :

  concat() digunakan untuk menggabungkan dua atau lebih array.

Tugas Dikumpulkan Minggu Depan