

PRAKTIKUM APLIKASI WEB

DAY 4

(JAVA SCRIPT TINGKAT DASAR)

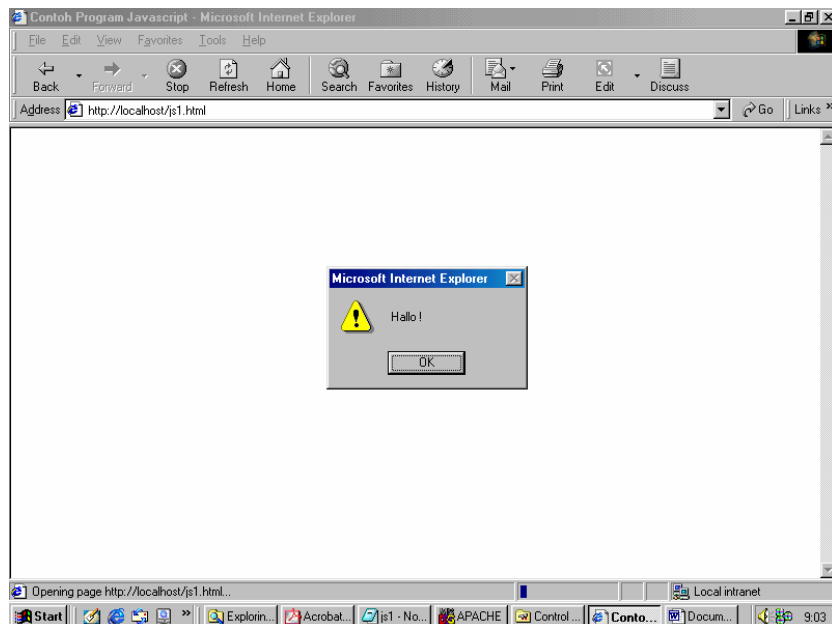
JAVA SCRIPT TINGKAT DASAR

1. Percobaan 1

Source js1.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<SCRIPT language="Javascript">
<!--
alert("Hallo !");
// -->
</SCRIPT>
</BODY>
</HTML>
```

Hasil :

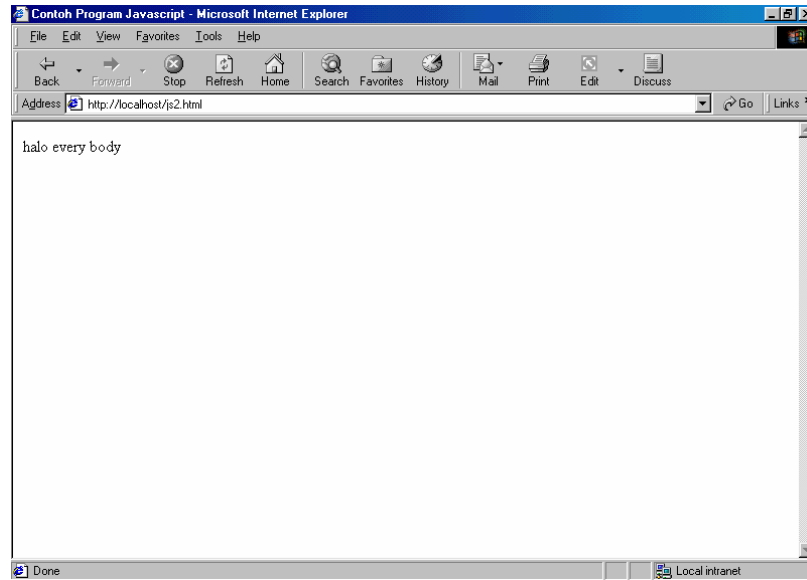


2. Percobaan 2

Source js2.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<SCRIPT language="Javascript">
<!--
document.write("halo every body");
// -->
</SCRIPT>
</BODY>
</HTML>
```

Hasil :



3. Percobaan 3 (Eksternal Javascript)

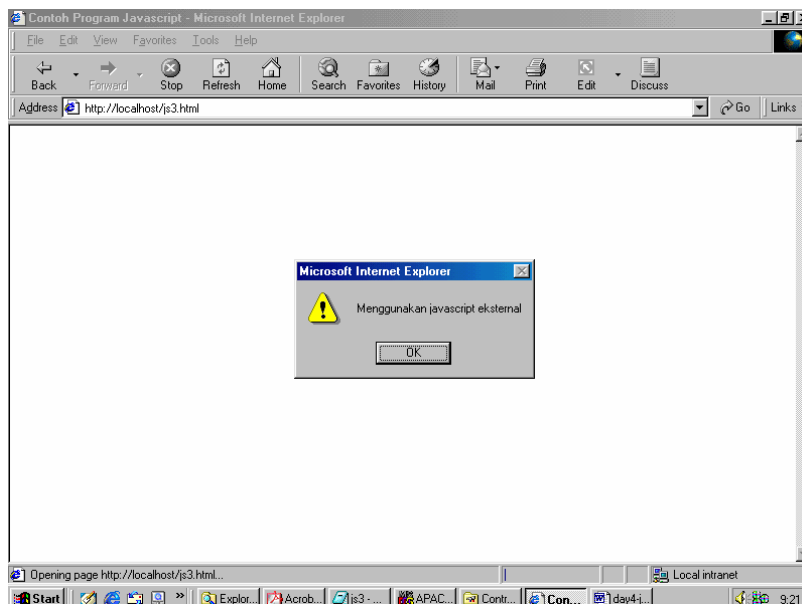
Source alert.js :

```
alert ("Menggunakan javascript eksternal");
```

Source js3.html

```
<HTML>  
<HEAD>  
<TITLE>Contoh Program Javascript</TITLE>  
</HEAD>  
<BODY>  
<SCRIPT language="Javascript" src="alert.js">  
</SCRIPT>  
</BODY>  
</HTML>
```

Hasil :

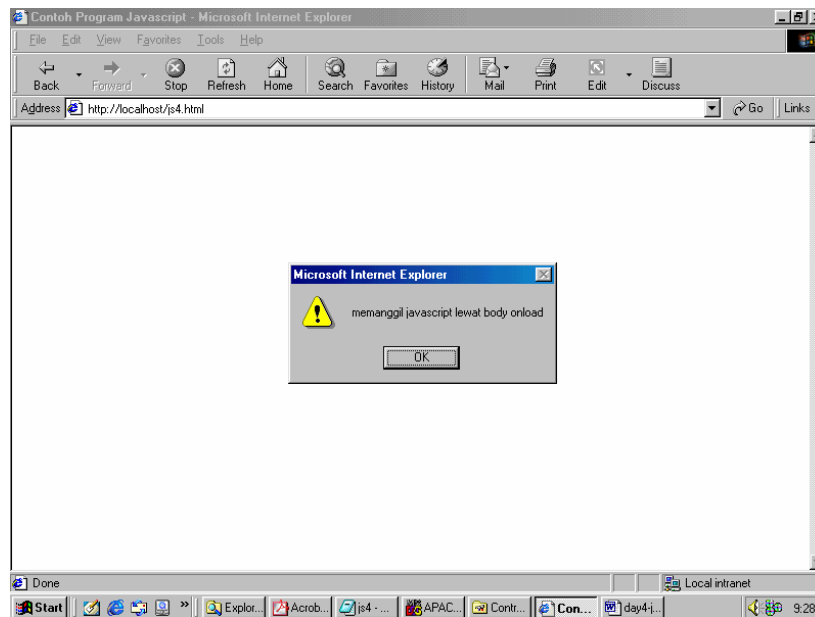


4. Percobaan 4

Source js4.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<SCRIPT language="Javascript">
function pesan(){
alert ("memanggil javascript lewat body onload")
}
</SCRIPT>
<BODY onload=pesan()>
</BODY>
</HTML>
```

Hasil :



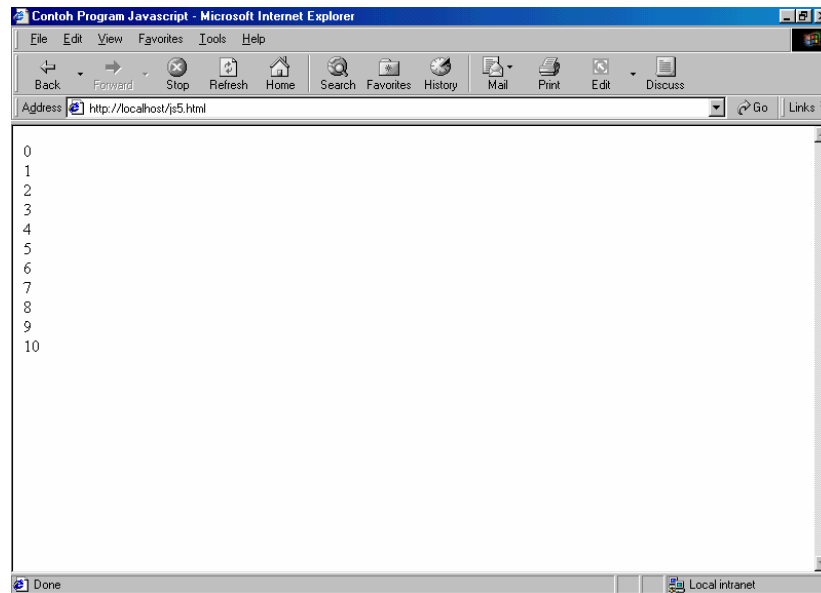
5. Percobaan 5 (Javascript dengan komentar didalamnya)

Source js5.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<SCRIPT language="Javascript">
// ini komentar satu baris
var x=0
do // bisa pada baris yang sama dg program
{
document.write(x+"<br>")
x++
}
while (x<=10)
/* ini komentar yang bisa terdiri dari
beberapa baris*/
</SCRIPT>
</BODY>
```

</HTML>

Hasil :



6. Percobaan 6 (Arithmetic)

Source js6.html :

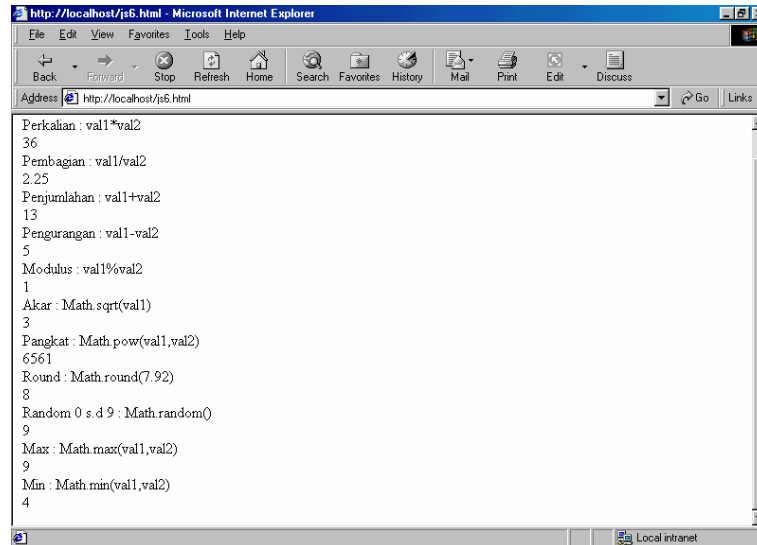
```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<SCRIPT language="Javascript">
function test (val1,val2)
{
document.write("<br>"+"Perkalian : val1*val2 "+"<br>")
document.write(val1*val2)
document.write("<br>"+"Pembagian : val1/val2 "+"<br>")
document.write(val1/val2)
document.write("<br>"+"Penjumlahan : val1+val2 "+"<br>")
document.write(val1+val2)
document.write("<br>"+"Pengurangan : val1-val2 "+"<br>")
document.write(val1-val2)
document.write("<br>"+"Modulus : val1% val2 "+"<br>")
document.write(val1% val2)
document.write("<br>"+"Akar : Math.sqrt(val1) "+"<br>")
document.write(Math.sqrt(val1))
document.write("<br>"+"Pangkat : Math.pow(val1,val2) "+"<br>")
document.write(Math.pow(val1,val2))
document.write("<br>"+"Round : Math.round(7.92) "+"<br>")
document.write(Math.round(7.92))
document.write("<br>"+"Random 0 s.d 9 : Math.random() "+"<br>")
var no=Math.random()*10
document.write(Math.round(no))
document.write("<br>"+"Max : Math.max(val1,val2) "+"<br>")
document.write(Math.max(val1,val2))
document.write("<br>"+"Min : Math.min(val1,val2) "+"<br>")
document.write(Math.min(val1,val2))
}
</SCRIPT>
```

```

<BODY>
<input type="button" name="button1" value="arithmetic" onclick=test(9,4)>
</BODY>
</HTML>

```

Hasil :



7. Percobaan 7 (Operator Logika)

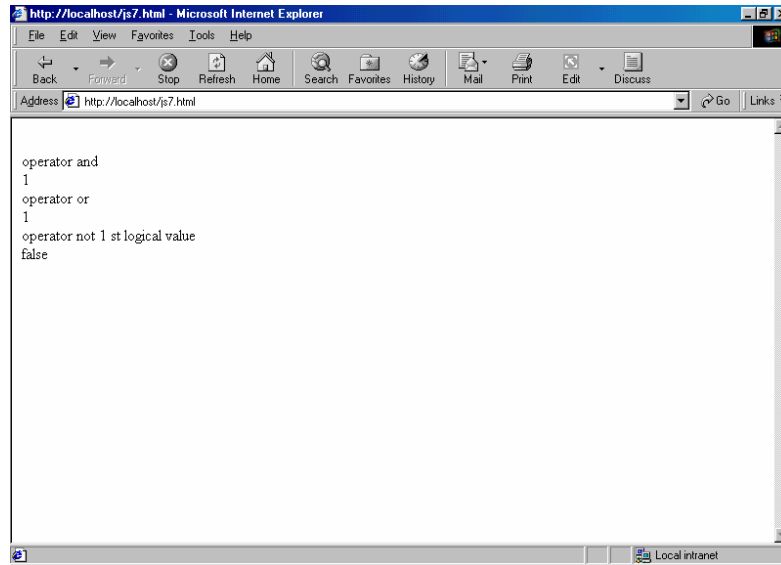
Source js7.html :

```

<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<SCRIPT language="Javascript">
function test ()
{
val1=window.prompt("1 st Logical Value (0/1) :")
val2=window.prompt("2 st Logical Value (0/1) :")
document.write("<br>"+"operator and"+"<br>")
document.write((val1)&&(val2))
document.write("<br>"+"operator or"+"<br>")
document.write((val1)|(val2))
document.write("<br>"+"operator not 1 st logical value"+"<br>")
document.write(!(val1))
}
</SCRIPT>
<BODY>
<input type="button" name="button1" value="logical" onclick=test(>
</BODY>
</HTML>

```

Hasil :

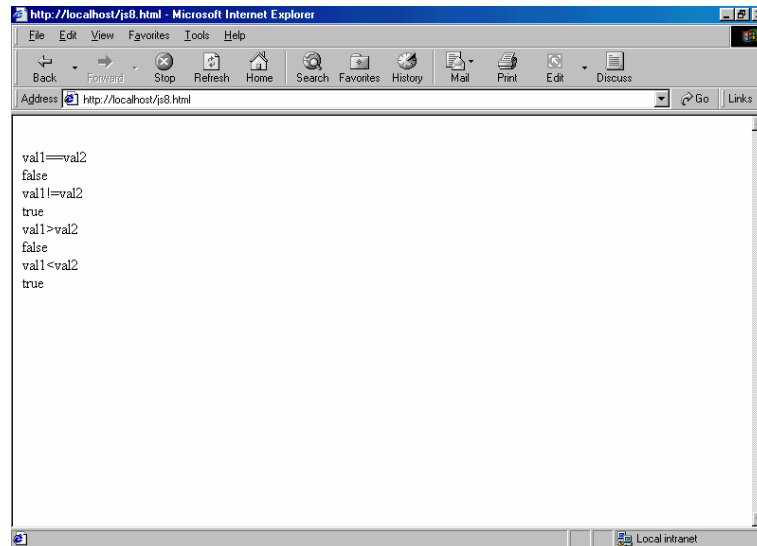


8. Percobaan 8 (Operator relational)

Source js8.html

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<SCRIPT language="Javascript">
function test ()
{
val1=window.prompt("1 st Value :")
val2=window.prompt("2 st value :")
document.write("<br>"+"val1==val2"+"<br>")
document.write(val1==val2)
document.write("<br>"+"val1!=val2"+"<br>")
document.write(val1!=val2)
document.write("<br>"+"val1 &gt;val2"+"<br>")
document.write(val1 >val2)
document.write("<br>"+"val1 &lt;val2"+"<br>")
document.write(val1 <val2)
}
</SCRIPT>
<BODY>
<input type="button" name="button1" value="relational" onclick=test()>
</BODY>
</HTML>
```

Hasil :

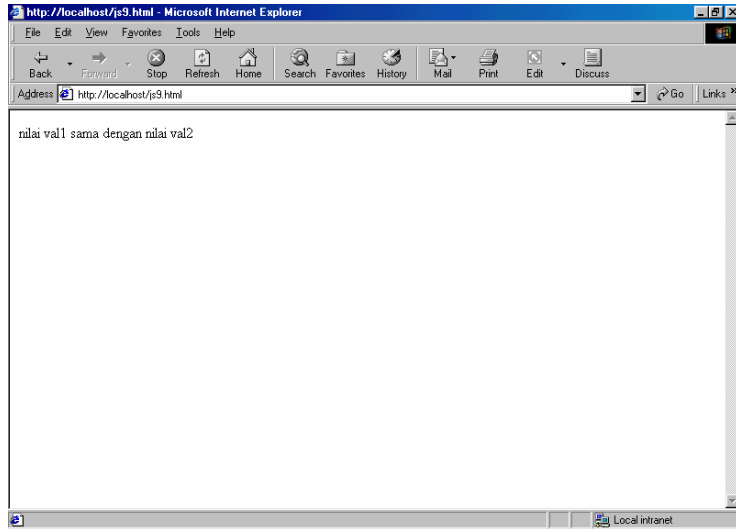


9. Percobaan 9 (seleksi if dan else)

Source js9.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<SCRIPT language="Javascript">
function test ()
{
val1=window.prompt("1 st Value :")
val2=window.prompt("2 st value :")
if (val1>val2)
    document.write("nilai val1 lebih besar daripada nilai val2")
else if (val1<val2)
    document.write("nilai val1 lebih kecil daripada nilai val2")
else
    document.write("nilai val1 sama dengan nilai val2")
}
</SCRIPT>
<BODY>
<input type="button" name="button1" value="seleksi" onclick=test(>
</BODY>
</HTML>
```

Hasil :

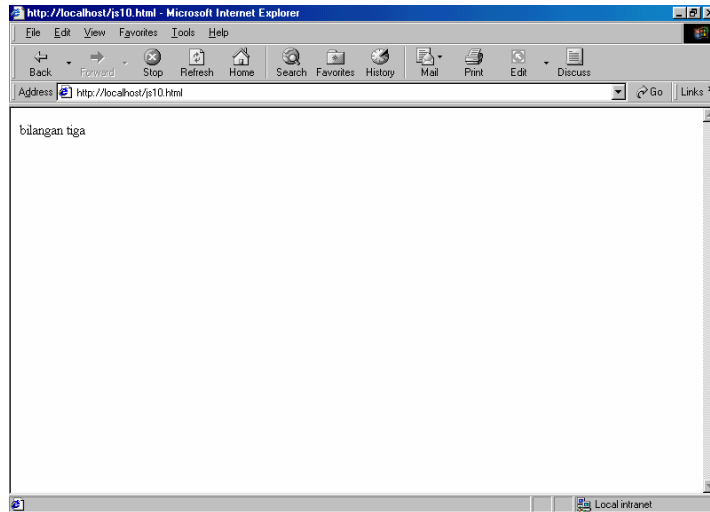


10. Percobaan 10 (switch)

Source js10.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<SCRIPT language="Javascript">
function test ()
{
val1=window.prompt("1 st Value (1-5):")
switch (val1)
{
    case "1" :
        document.write("bilangan satu")
        break
    case "2" :
        document.write("bilangan dua")
        break
    case "3" :
        document.write("bilangan tiga")
        break
    case "4" :
        document.write("bilangan empat")
        break
    case "5" :
        document.write("bilangan lima")
        break
    default :
        document.write("bilangan lainnya")
    }
}
</SCRIPT>
<BODY>
<input type="button" name="button1" value="switch" onclick=test()>
</BODY>
</HTML>
```

Hasil :

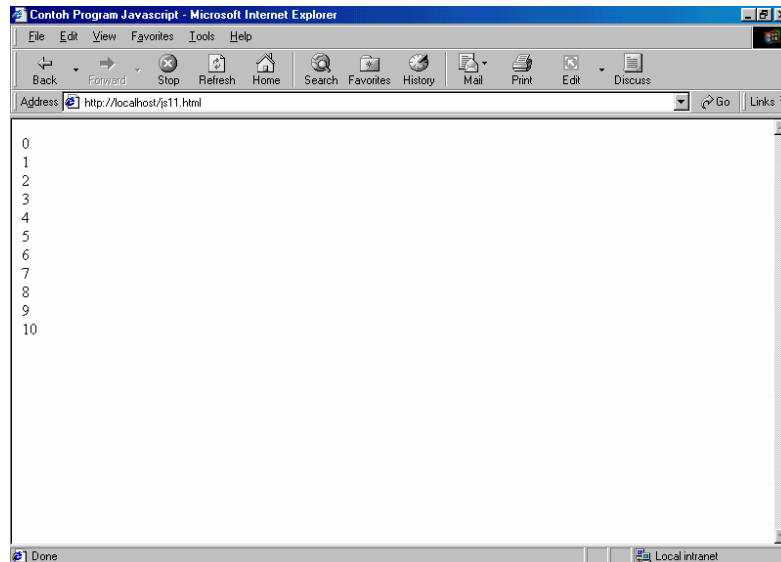


11. Percobaan 11 (looping dengan for)

Source js11.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<SCRIPT language="Javascript">
<!--
for (x=0;x<=10;x++)
    document.write(x+"<br>")
// -->
</SCRIPT>
</BODY>
</HTML>
```

Hasil :

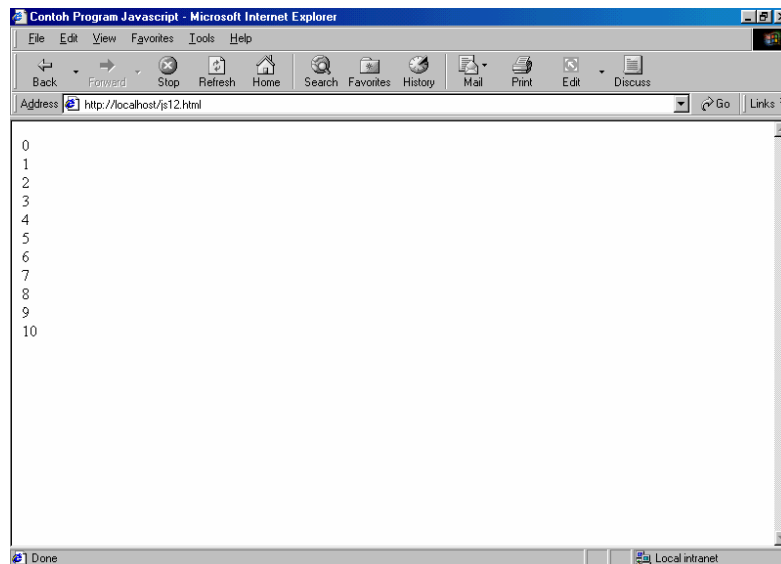


12. Percobaan 12 (looping dengan do – while)

Source js12.html :

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<SCRIPT language="Javascript">
<!--
var x=0
do{
    document.write(x+"<br>")
    x++;
}
while (x<=10)
// -->
</SCRIPT>
</BODY>
</HTML>
```

Hasil :



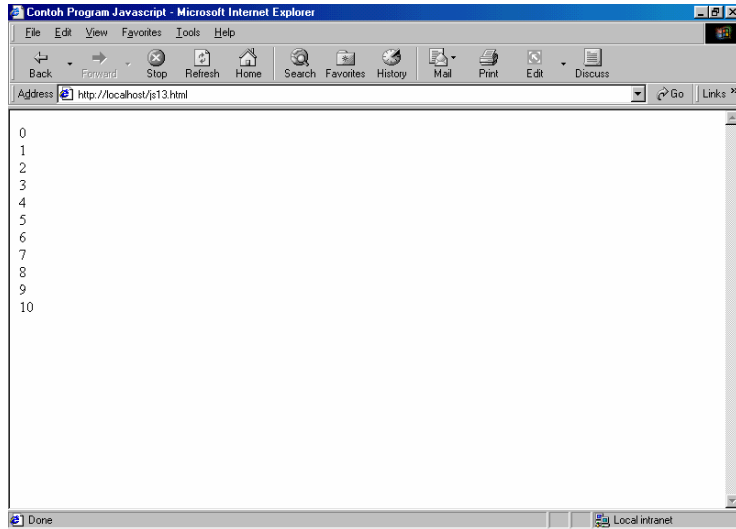
13. Percobaan 13 (looping while)

Source js13.html

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<BODY>
<SCRIPT language="Javascript">
<!--
var x=0
while (x<=10){
    document.write(x+"<br>")
    x++;
}
// -->
```

```
</SCRIPT>
</BODY>
</HTML>
```

hasil :

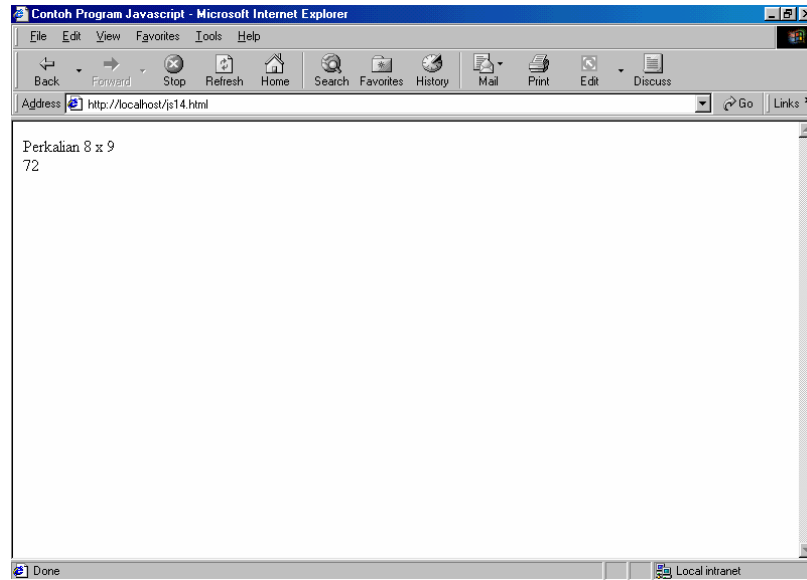


14. Percobaan 14 (Sub prosedur)

Source js14.html

```
<HTML>
<HEAD>
<TITLE>Contoh Program Javascript</TITLE>
</HEAD>
<SCRIPT language="Javascript">
function test (a,b)
{
return(a*b)
}
</SCRIPT>
<BODY>
<SCRIPT language="Javascript">
document.write("Perkalian 8 x 9"+"<br>")
document.write(test(8,9))
</SCRIPT>
</BODY>
</HTML>
```

Hasil :

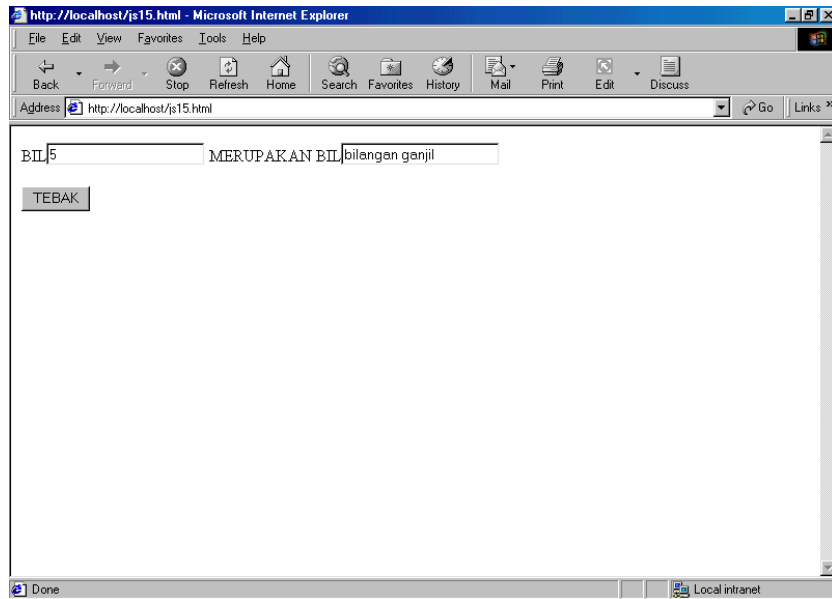


15. Percobaan 15 (menggunakan form input)

Source js15.html

```
<html>
<head>
</head>
<SCRIPT language="Javascript">
function test ()
{
var val1=document.kirim.T1.value
if (val1%2==0)
    document.kirim.T2.value="bilangan genap"
else
    document.kirim.T2.value="bilangan ganjil"
}
</SCRIPT>
<body>
<form method="POST" name="kirim">
<p>BIL<input type="text" name="T1" size="20"> MERUPAKAN BIL<input type="text"
name="T2" size="20"></p>
<p><input type="button" value="TEBAK" name="B1" onclick=test()></p>
</form>
</body>
</html>
```

Hasil :



TUGAS PRAKTIKUM : (DIKUMPULKAN MINGGU DEPAN, TAMPILAN BERSERTA SOURCE CODE)

1. Buat halaman html untuk mengkonversi nilai angka menjadi nilai huruf dengan menggunakan javascript (contoh seperti percobaan 15)

Konversi :

0-40 =E

41-55=D

56-60=C

61-65=BC

66-70=B

71-80=AB

81-100=A

2. Buat halaman html untuk menampilkan semua bilangan ganjil, kecuali bilangan kelipatan 5 dengan menggunakan javascript. Batas atas untuk bilangan ganjil diinputkan lewat perintah window.prompt()

Cth : batas atas=20

Hasil :1,3,7,9,11,13,17,19

3. Buat halaman html untuk menampilkan aplikasi program kalkulator sederhana dengan menggunakan javascript.

Cth tampilan :

Bil 1

Bil 2

Hasil



Bil 1 dan Bil 2 merupakan text box, dapat diisi angka, bila tombol + atau - atau x atau / ditekan, maka akan keluar bilangan pada text box hasil, dimana bilangan ini merupakan operasi arithmetic sesuai dengan tombol yang ditekan.