



Pemrograman Web Sisi Client – Pertemuan 3 PI

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Topik

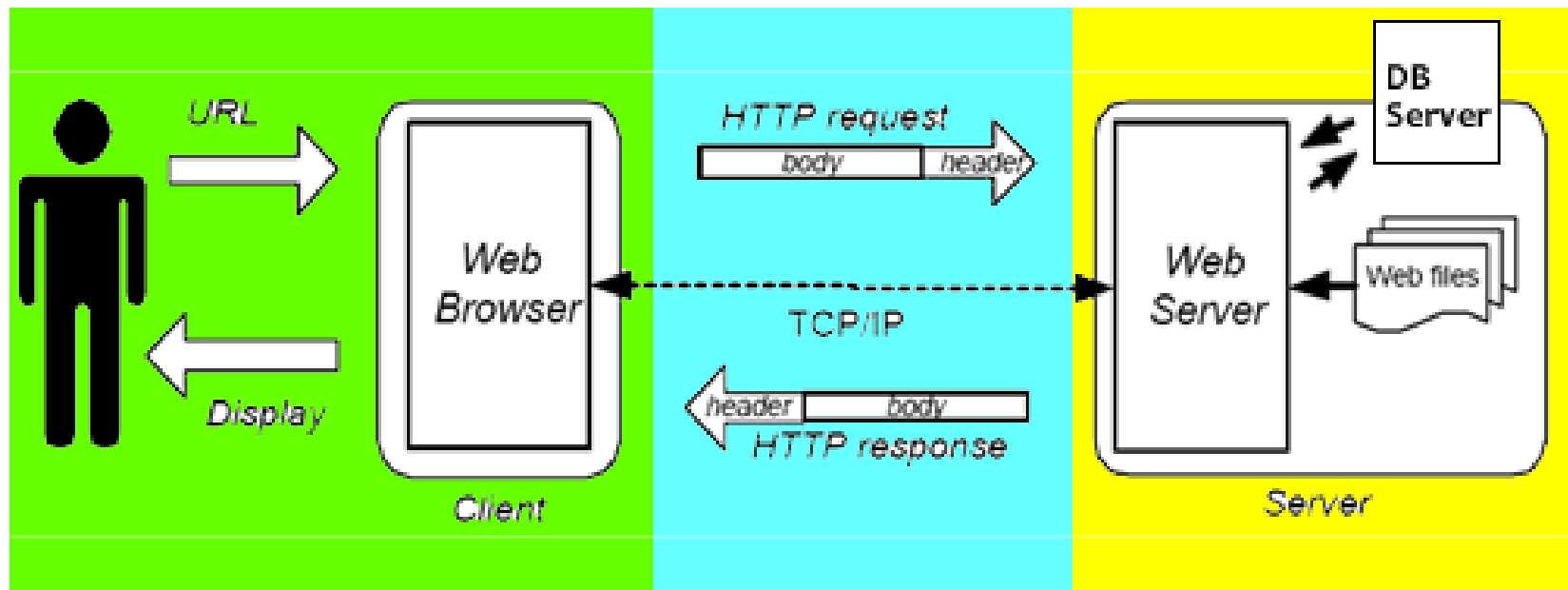
- Pendahuluan
- HTML
- CSS
- JavaScript
- VB Script

Pendahuluan

- Pemrograman web sisi client : pengembangan program web yang berjalan di komputer user
- Ciri-ciri :
 - Tidak membutuhkan web server
 - Optimalisasi dan pemanfaatan web browser
 - Open source
- Kegunaan umum :
 - Validasi form
 - Interaksi dengan user

Pendahuluan (2)

- Arsitektur pemrograman web:



Pendahuluan (3)

- Tools :
 - Web Editor
 - Macromedia Dreamweaver
 - Ms FrontPage
 - dll
 - Web Browser
 - Mozilla Firefox
 - Internet Explorer
 - Opera
 - dll

Dasar-dasar HTML

- Contoh/format sederhana
- Text Formatting
- Hyperlink
- Image
- Table

Contoh HTML

```
<html>
```

```
<head>
```

```
<title>Halaman Latihan 1</title>
```

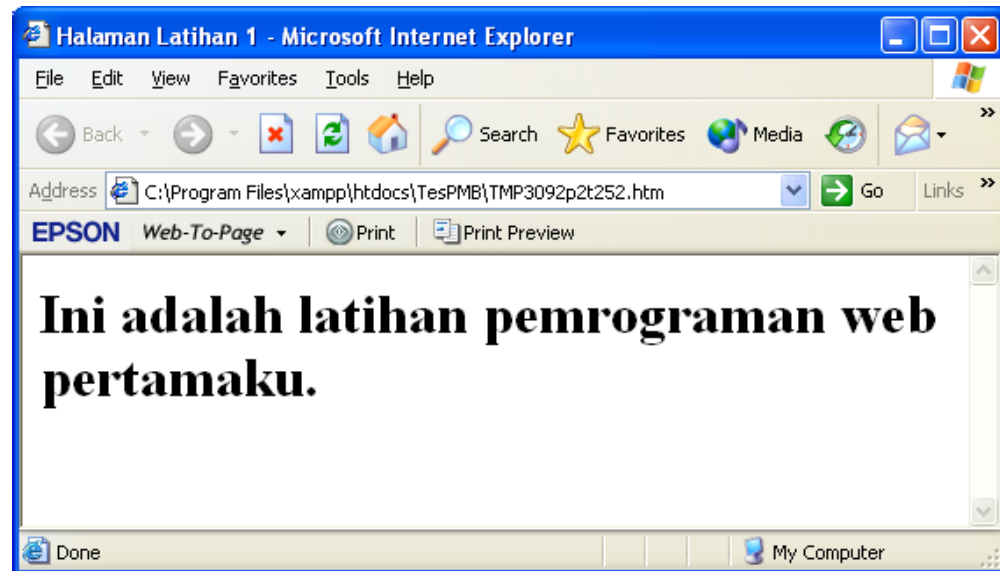
```
</head>
```

```
<body>
```

```
<h1>Ini adalah latihan  
pemrograman web  
pertamaku.</h1>
```

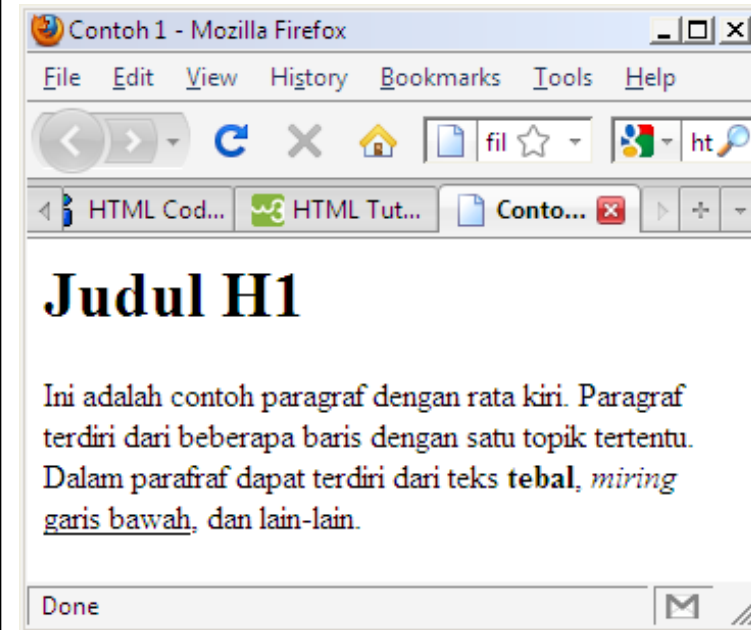
```
</body>
```

```
</html>
```



HTML : Text Formatting

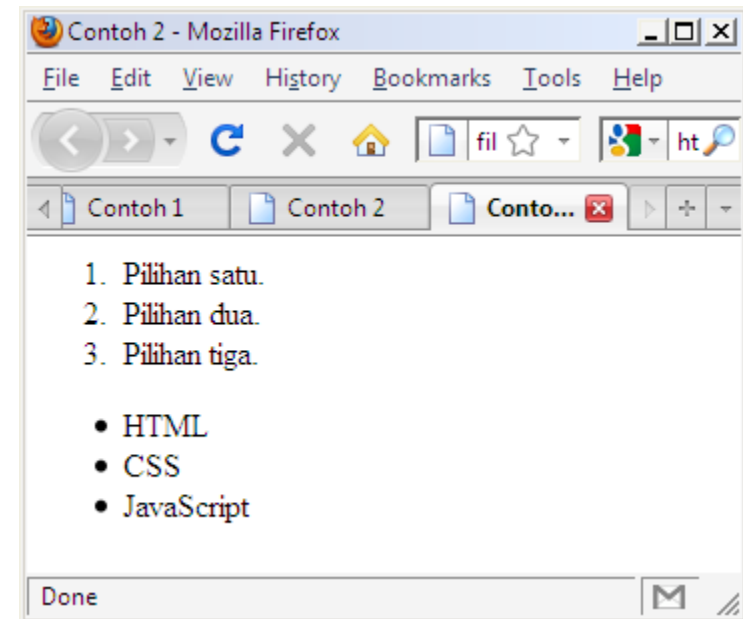
```
<html>
<head>
  <title>Contoh 1</title>
</head>
<body>
<h1>Judul H1</h1>
<p>
Ini adalah contoh paragraf
dengan rata kiri. Paragraf
terdiri dari beberapa baris
dengan satu topik tertentu.
Dalam paragraf dapat terdiri
dari teks <b>tebal</b>,
<i>miring</i> <u>garis
bawah</u>, dan lain-lain.
</p>
</body>
</html>
```



HTML : Text Formatting (2)

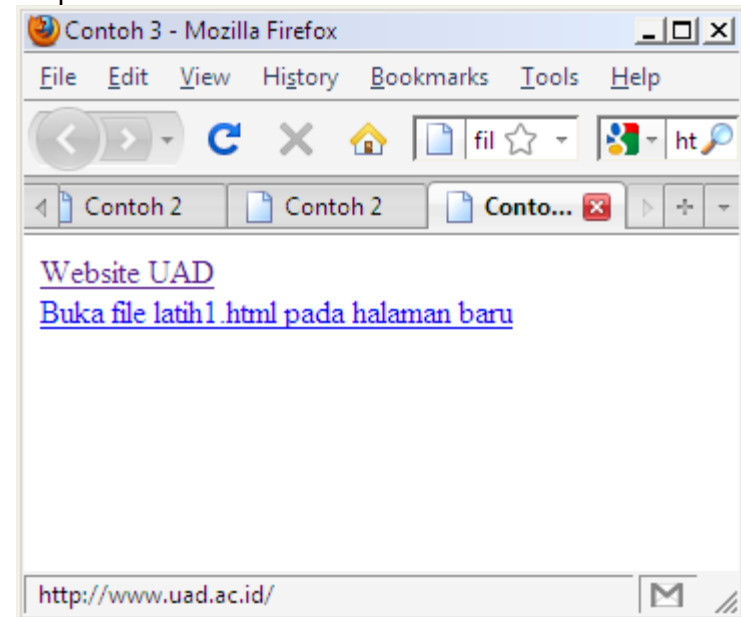
```
<html>
<head>
  <title>Contoh 2</title>
</head>

<body>
<ol>
  <li>Pilihan satu.
  <li>Pilihan dua.
  <li>Pilihan tiga.
</ol>
<ul>
  <li>HTML
  <li>CSS
  <li>JavaScript
</ul>
</body>
</html>
```



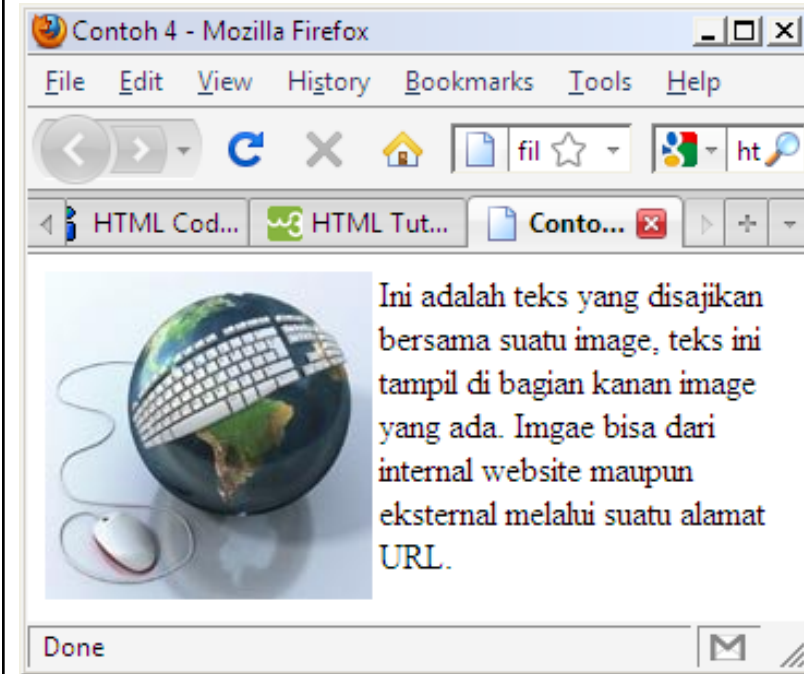
HTML : Hyperlink

```
<html>
<head>
  <title>Contoh 3</title>
</head>
<body>
  <p>
    <a href="http://www.uad.ac.id">
      Website UAD</a>
    <br>
    <a href="latih1.html"
target="_blank">
      Buka file latih1.html pada
halaman baru</a>
  </p>
</body>
</html>
```



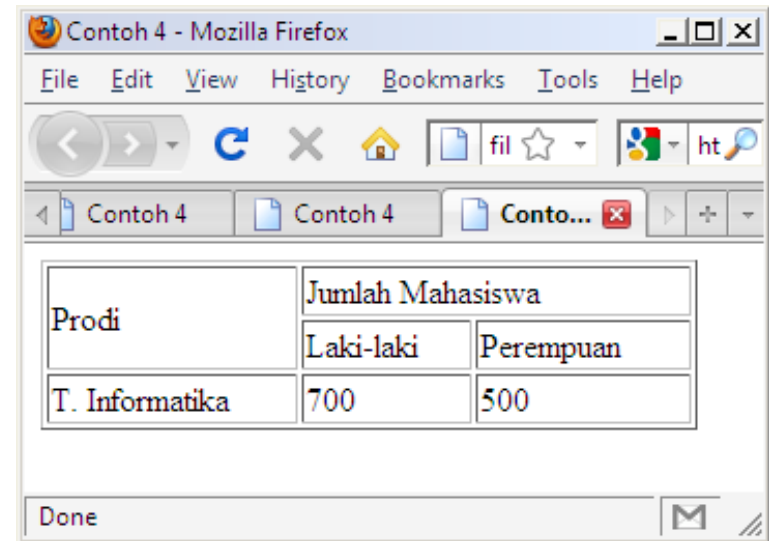
HTML : Image

```
<html>
<head>
<title>Contoh 4</title>
</head>
<body>
Ini adalah teks
yang disajikan bersama suatu
image, teks ini tampil di
bagian kanan image yang ada.
Imgae bisa dari internal
website maupun eksternal
melalui suatu alamat URL.
</body>
</html>
```



HTML : Table

```
<html>
<head>
<title>Contoh 4</title>
</head>
<body>
<table border="1">
  <tr>
    <td rowspan="2">Prodi</td>
    <td colspan="2">Jumlah
Mahasiswa</td>
  </tr>
  <tr>
    <td>Laki-laki</td>
    <td>Perempuan</td>
  </tr>
  <tr>
    <td>T. Informatika </td>
    <td>700</td>
    <td>500</td>
  </tr>
</table>
</body>
</html>
```

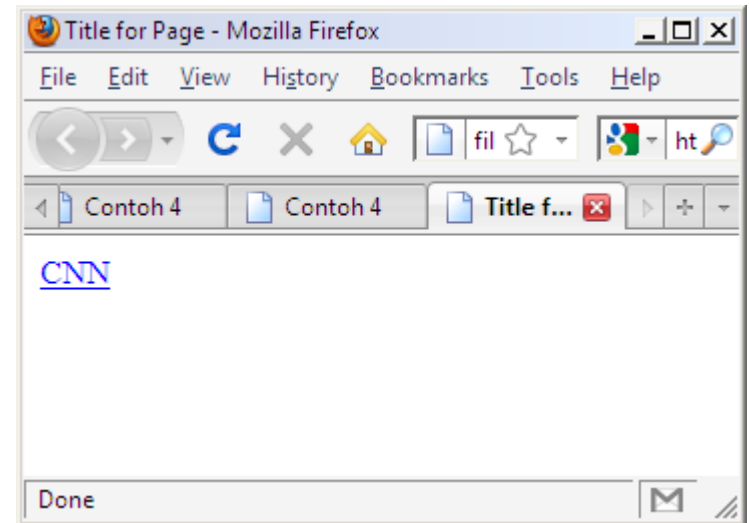


Dasar-dasar CSS

- Inline style sheets
- Modularity & style sheets
- Cara penggunaan CSS

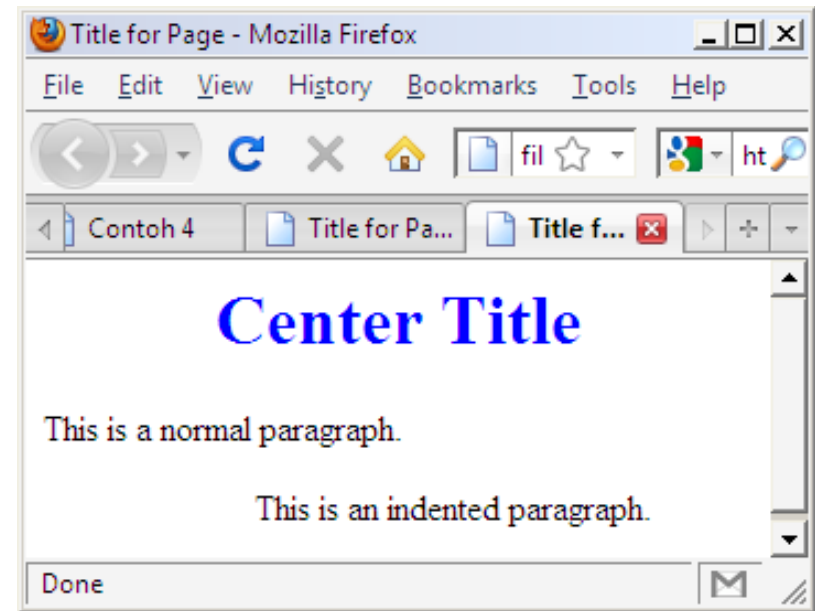
CSS : Inline style sheets

```
<html>
<head>
  <title>Title for Page</title>
  <style type="text/css">
    <!--
      body {background-color :
white}
      a:link {color : blue}
      a:visited {color : purple}
      a:active {color : red}
    -->
  </style>
</head>
<body>
  <a
href="http://www.cnn.com">CNN</a>
</body>
</html>
```



CSS : Inline style sheets (2)

```
<html>
<head>
  <title>Title for Page</title>
  <style type="text/css">
    <!--
      h1 {color : blue;
          text-align : center}
      p.indented {margin-left :
1in}
    -->
  </style>
</head>
<body>
  <h1>Center Title</h1>
  <p>This is a normal
paragraph.</p>
  <p class="indented">
    This is an indented
paragraph.</p>
</body>
</html>
```



Modularity & style sheets

```
<!-- myStyle.css  Dave Reed -->
```

```
h1 {color : blue; text-align :  
center}  
p.indented {margin-left : 1in}
```

```
<html>  
<head>  
  <title>Title for Page</title>  
  <link rel="stylesheet"  
        type="text/css"  
        href="myStyle.css"  
        title="myStyle">  
</head>  
<body>  
  <h1>Center Title</h1>  
  <p>This is a normal paragraph</p>  
  <p class="indented">  
    This is an indented  
paragraph.</p>  
</body>  
</html>
```


Cara Penggunaan CSS

× Elemen tunggal

```
<span style="color:red">red text </span>
```

× Rangkaian element pada suatu page

```
<style type="text/css">  
  <!--  
    a {color : red;  
      text-decoration : none;  
      font-size : larger}  
    a:hover {color : blue}  
  -->  
</style>
```

× Rangkaian element pada halaman terpisah

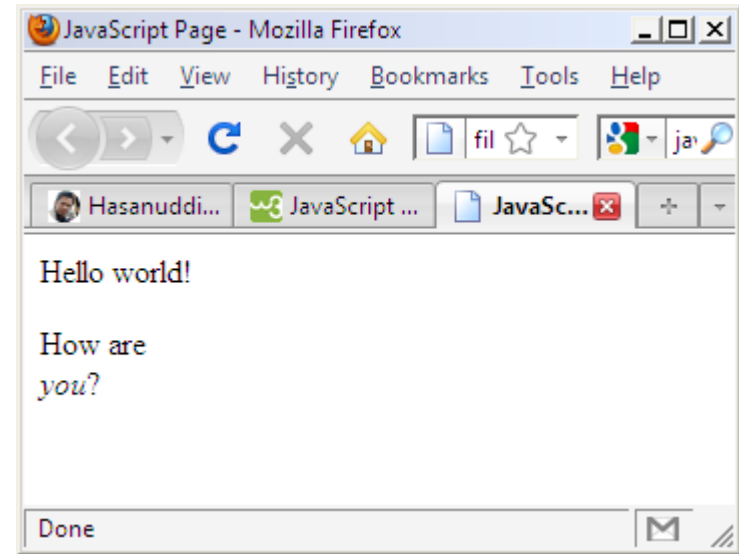
```
<link rel="stylesheet"  
      type="text/css"  
      href="myStyle.css"  
      title="myStyle">
```

Dasar-dasar JavaScript

- Cetak teks
- Operator dan ekspresi
- Pernyataan kontrol
- Alert
- Prompt
- Fungsi

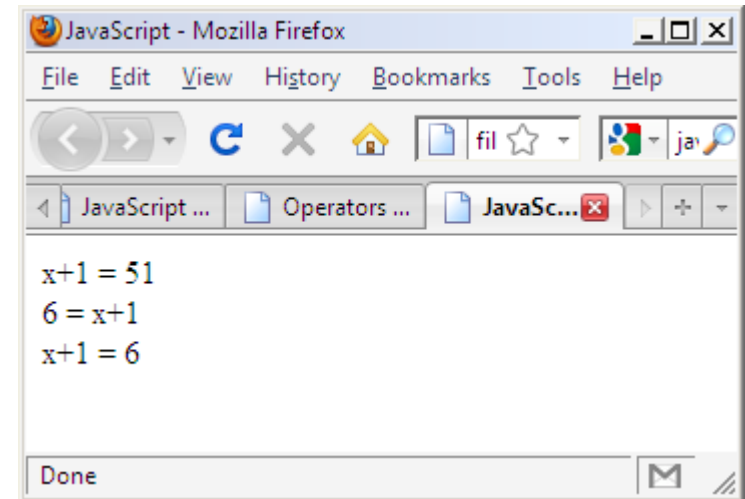
JavaScript : Cetak Teks

```
<html>
<head>
  <title>JavaScript
Page</title>
</head>
<body>
  <script
language="JavaScript">
  document.write("Hello
world!");
  document.write("<p>How
are <br>" + "<i>you</i>?");
  </script>
</body>
</html>
```



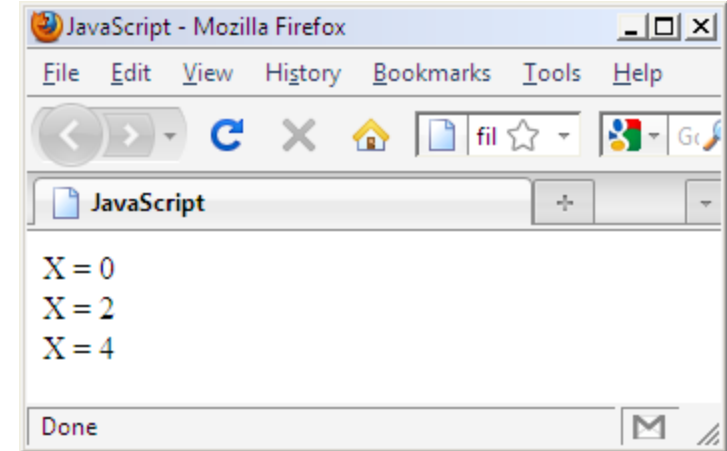
JavaScript : Operator dan Ekspresi

```
<html>
<head>
  <title>JavaScript</title>
</head>
<body>
  <script language="JavaScript">
    x = 5;
    document.write("x+1 = " + x+1
+ "<br>");
    document.write(x + 1 + " =
x+1<br>");
    document.write("x+1 = " +
(x+1) + "<br>");
  </script>
</body>
</html>
```



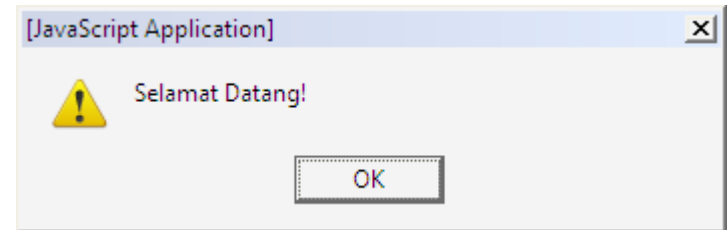
JavaScript : Pernyataan Kontrol

```
<html>
<head>
<title>JavaScript</title>
</head>
<body>
  <script language="JavaScript">
    x = 5;
    i = 0;
    while (i < x) {
      if(i % 2 ==0)
        document.write("X = " + i +
" <br>");
      i++;
    }
  </script>
</body>
</html>
```



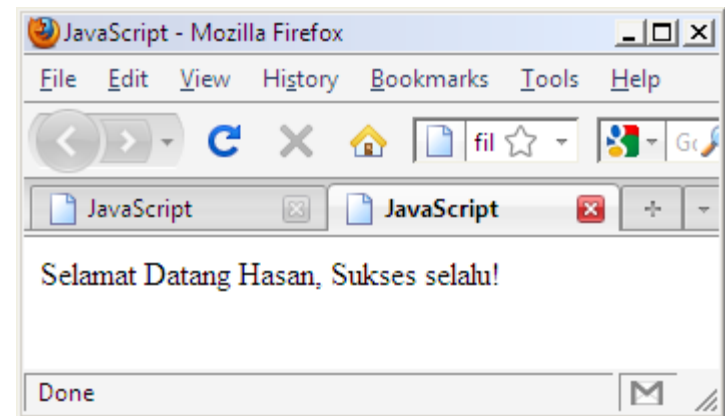
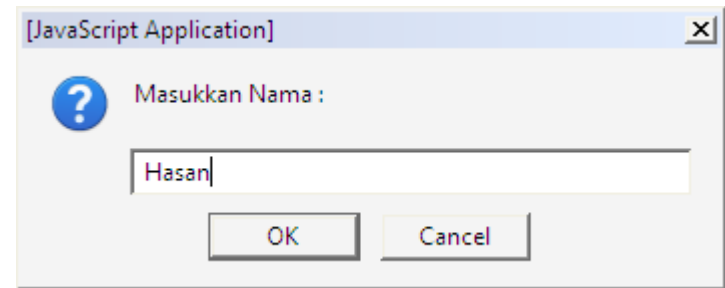
JavaScript : Alert

```
<html>
<head>
<title>JavaScript</title>
</head>
<body>
  <script
language="JavaScript">
  alert("Selamat Datang!");
  </script>
</body>
</html>
```



JavaScript : prompt

```
<html>
<head>
<title>JavaScript</title>
</head>
<body>
  <script
language="JavaScript">
  userName = prompt("Masukkan
Nama : ", "");
  document.write("Selamat
Datang " +userName+", Sukses
selalu!");
  </script>
</body>
</html>
```



JavaScript : Fungsi

```
<html>
<head>
<title>JavaScript</title>
  <script language="JavaScript">
    function fungsiku(m,n)
    {
      jumlah = m+n;
      return jumlah;
    }
  </script>
</head>
<body>
  <script language="JavaScript">
    a = 5; b = 7;
    document.write("a = " + a + "<br>");
    document.write("b = " + b + "<br>");
    document.write("Hasil Penjumlahan = " +
    fungsiku(a,b));
  </script>
</body>
</html>
```

