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Kelas : Ganjil

NIM : K3519047

Praktikum 02 - Pemrograman Web

Materi: Statement Control

Kegiatan 1

1. Buatlah script PHP seperti berikut ini (simpan sebagai prak020101.php)!

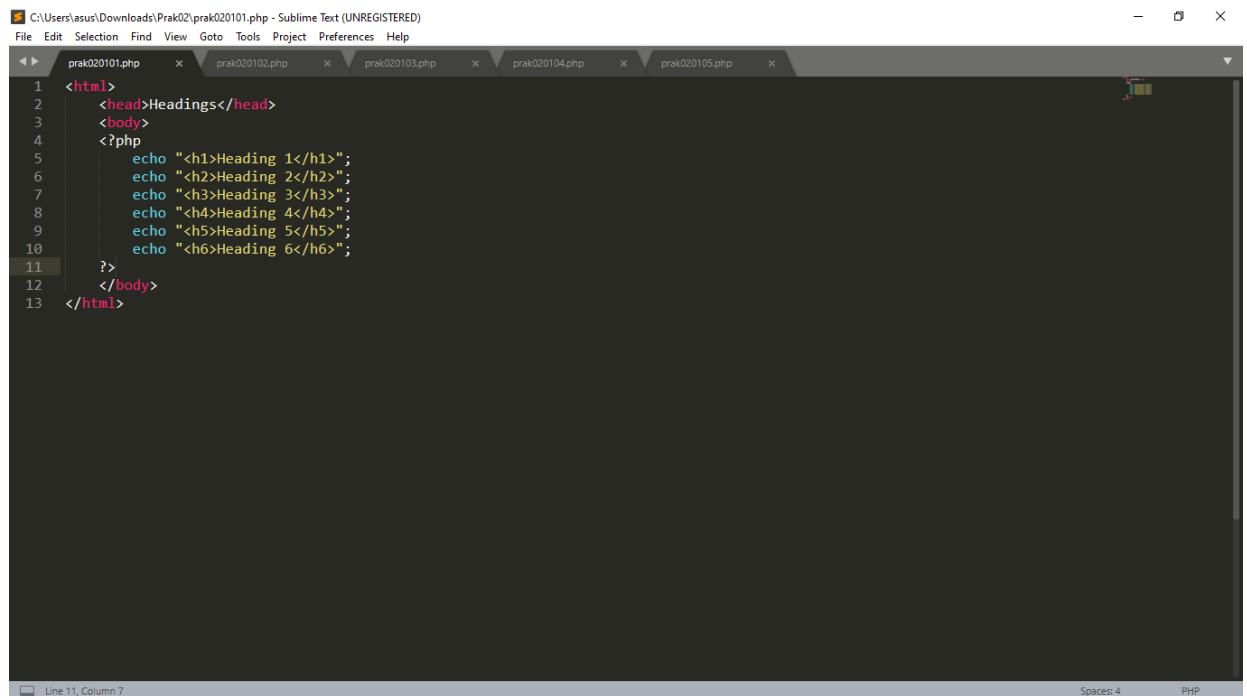
```
<html>

<head>Headings</head>

<body>
  <?php
    echo "<h1>Heading 1</h1>";
    echo "<h2>Heading 2</h2>";
    echo "<h3>Heading 3</h3>";
    echo "<h4>Heading 4</h4>";
    echo "<h5>Heading 5</h5>";
    echo "<h6>Heading 6</h6>";

  ?>
</body>

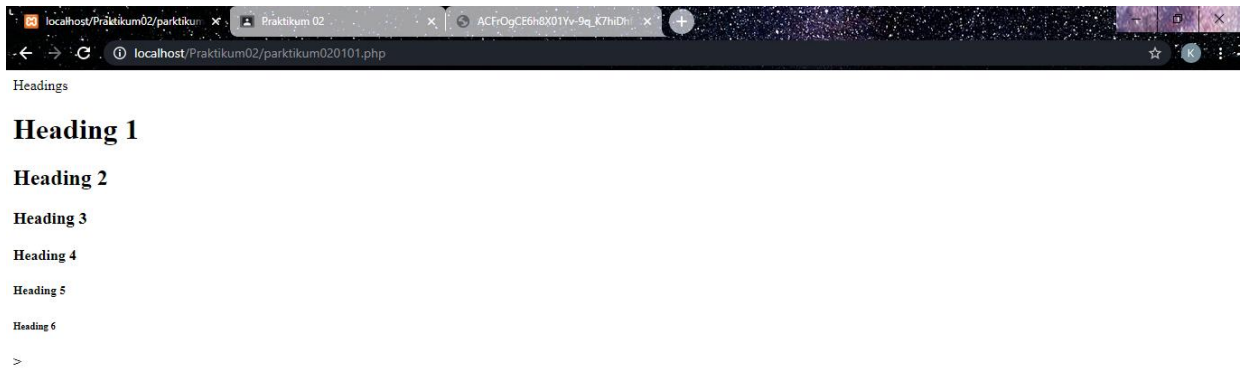
</html>
```



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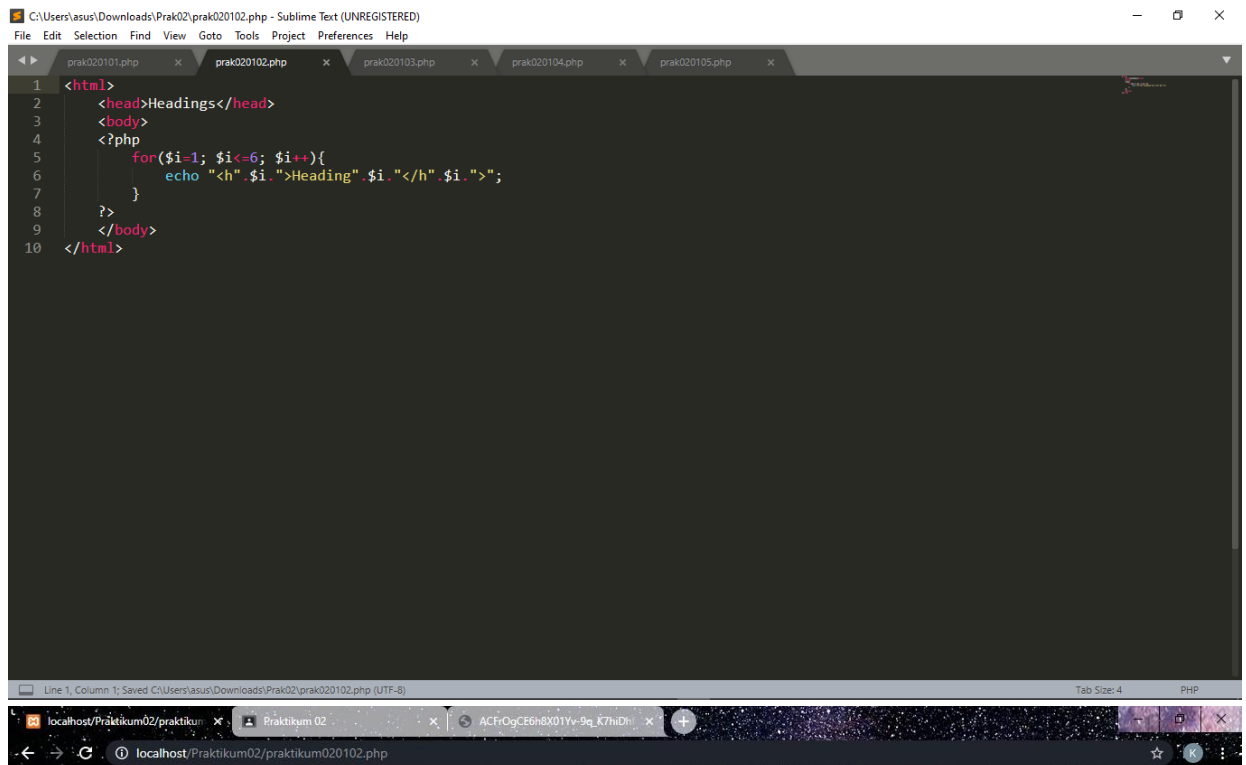
2. Cermati script di atas dan juga outputnya!
3. Script nomor 1 di atas dapat dibuat dengan menggunakan looping sbb.
Lengkapi titik-titik yang masih kosong (simpan sebagai prak020102.php).

```
<html>
    <head>Headings</head>
    <body>
        <?php
            for($i=...; $i <= ...; $i++){          echo "<h\".$i.\">Heading
\".$i.\"</h\".$i.\">";
            }
        ?>
    </body>
</html>
```

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```
1 <html>
2 <head>Headings</head>
3 <body>
4 <?php
5     for($i=1; $i<=6; $i++){
6         echo "<h".$i.">Heading".$i."</h".$i.">";
7     }
8 <?>
9 </body>
10 </html>
```

Line 1, Column 1; Saved: C:\Users\asus\Downloads\Prak02\prak020102.php (UTF-8) Tab Size: 4 PHP

localhost/Praktikum02/praktikum020102.php

Headings

Heading1

Heading2

Heading3

Heading4

Heading5

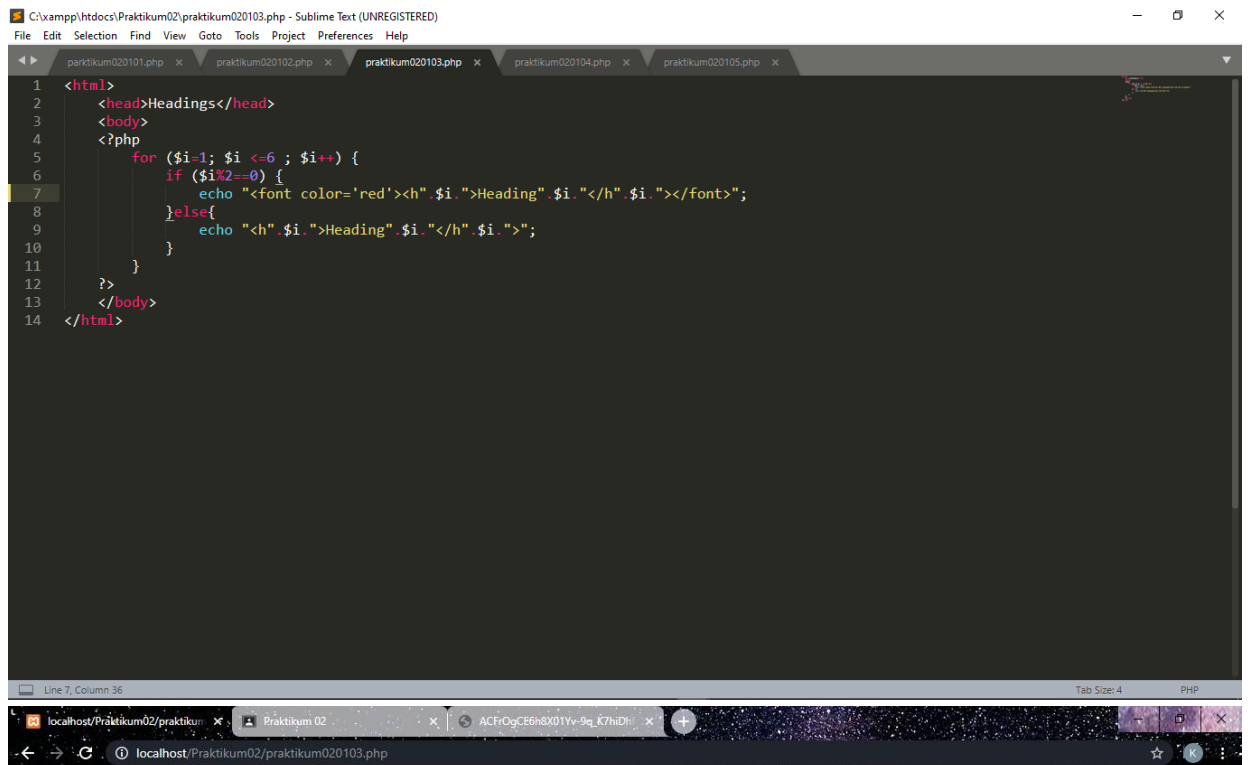
Heading6

4. Modifikasilah script nomor 3 di atas, sedemikian hingga ketika headingnya genap (Heading 2, 4, 6) font colornya diberi warna merah! (simpan sebagai prak020103.php)

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The screenshot shows a Sublime Text editor window with a PHP script. The script uses a for loop to generate five headings. The output is displayed in a web browser at localhost/Praktikum02/praktikum020103.php, showing the headings: Heading1, Heading2 (in red), Heading3, Heading4 (in red), and Heading5 (in red).

```
1 <html>
2 <head>Headings</head>
3 <body>
4 <?php
5     for ($i=1; $i <=6 ; $i++) {
6         if ($i%2==0) {
7             echo "<font color='red'><h". $i . ">Heading". $i . "</h". $i . "></font>";
8         } else {
9             echo "<h". $i . ">Heading". $i . "</h". $i . ">";
10        }
11    }
12 <?>
13 </body>
14 </html>
```

Headings

Heading1

Heading2

Heading3

Heading4

Heading5

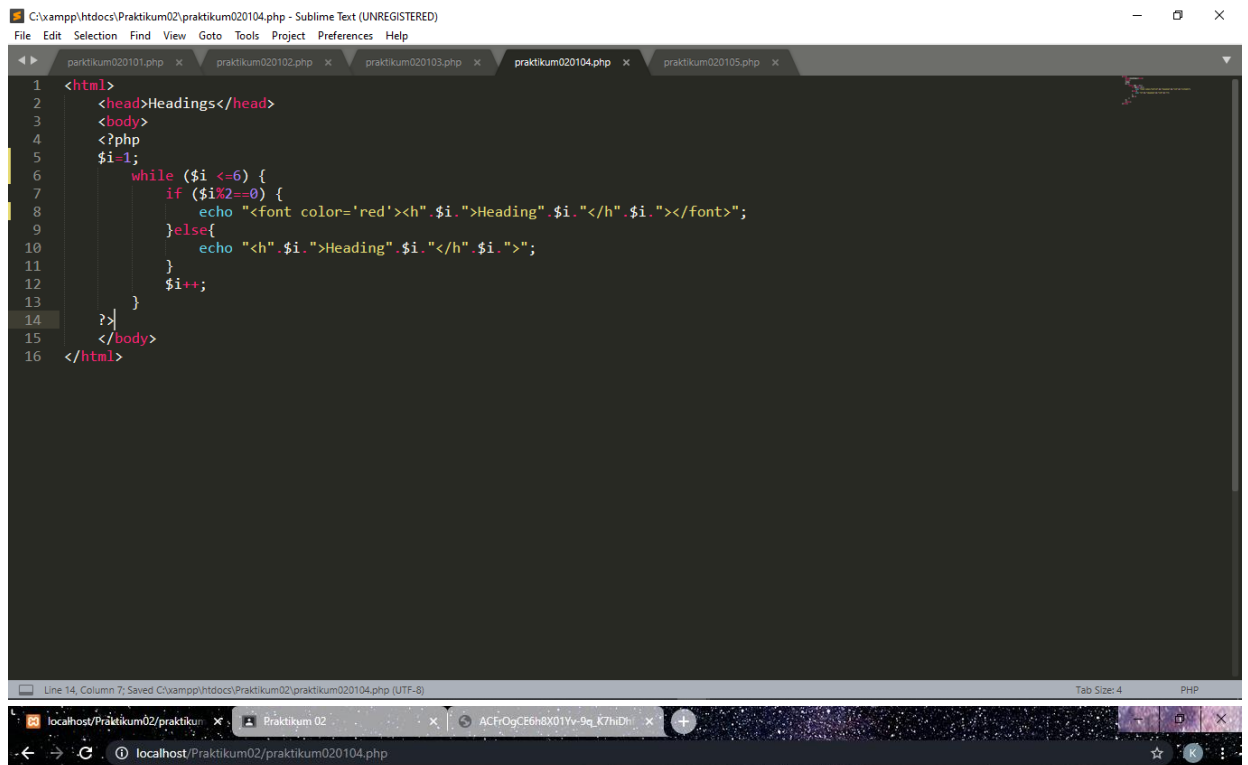
Heading6

5. Modifikasilah script nomor 4 di atas, menggunakan while loop! (simpan sebagai prak020104.php)

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The screenshot shows a Sublime Text editor window with a PHP script. The script uses a while loop to generate HTML headings. Below the editor, a web browser displays the output of the script, showing a list of headings from 1 to 5.

```
1 <html>
2 <head>Headings</head>
3 <body>
4 <?php
5 $i=1;
6 while ($i <=6) {
7     if ($i%2==0) {
8         echo "<font color='red'><h". $i . ">Heading". $i . "</h". $i . "></font>";
9     }else{
10        echo "<h". $i . ">Heading". $i . "</h". $i . ">";
11    }
12    $i++;
13 }
14 ?>
15 </body>
16 </html>
```

Line 14, Column 7; Saved C:\xampp\htdocs\Praktikum02\praktikum020104.php (UTF-8) Tab Size: 4 PHP

localhost/Praktikum02/praktikum020104.php

Headings

Heading1

Heading2

Heading3

Heading4

Heading5

Heading6



6. Modifikasilah script nomor 5 di atas, menggunakan do-while loop! (simpan sebagai prak020105.php)

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```
C:\xampp\htdocs\Praktikum02\praktikum020105.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

praktikum020101.php x praktikum020102.php x praktikum020103.php x praktikum020104.php x praktikum020105.php x

1 <html>
2 <head>Headings</head>
3 <body>
4 <?php
5 $i=1;
6 do {
7     if ($i%2==0) {
8         echo "<font color='red'><h". $i . ">Heading". $i . "</h". $i . "></font>";
9     }else{
10        echo "<h". $i . ">Heading". $i . "</h". $i . ">";
11    }
12    $i++;
13 }while ($i<=6);
14 ?>
15 </body>
16 </html>
```

Line 16, Column 8 Tab Size: 4 PHP

localhost/Praktikum02/praktikum020105.php

Headings

Heading1

Heading2

Heading3

Heading4

Heading5

Heading6

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Kegiatan 2

Untuk membuat tabel dengan jumlah baris 3 dan kolom 2 di HTML adalah menggunakan tag sebagai berikut:

```
<table border="1">
    <tr><td>Hello</td><td>Hello</td></tr>
    <tr><td>Hello</td><td>Hello</td></tr>
    <tr><td>Hello</td><td>Hello</td></tr>
</table>
```

1. Berdasarkan contoh HTML di atas, buatlah script PHP untuk mengenerate tabel berukuran 4 x 5 (baris=4, kolom=5).

Lengkapilah script berikut ini! (simpan sebagai prak020201.php)

```
<?php
$baris = 4; $kolom = 5;
echo "<table border='1'>";
for($i=...; $i < ...; $i++){
    echo "<tr>";
    for ($j = ...; $j < ...; $j++){
        echo "...";
    }
    echo "</tr>";
}
echo "</table>";
?>
```

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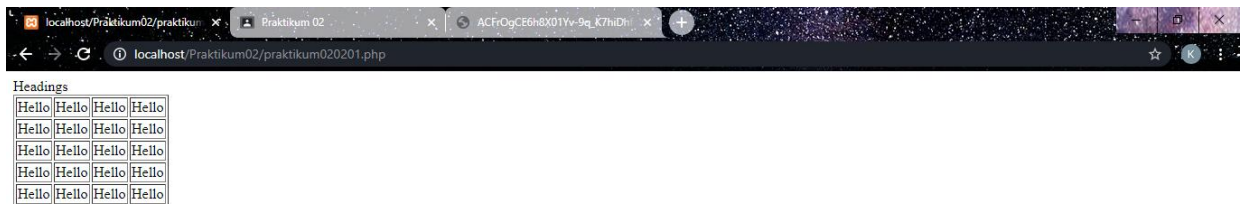
Kelas : Ganjil

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```
C:\xampp\htdocs\Praktikum02\praktikum020201.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

praktikum020101.php x praktikum020102.php x praktikum020103.php x praktikum020104.php x praktikum020105.php x praktikum020201.php x

1 <html>
2 <head>Headings</head>
3 <body>
4 <?php
5     $baris = 4;
6     $kolom = 5;
7     echo "<table border='1'>";
8     for($i=0; $i < 5; $i++){
9         echo "<tr>";
10        for ($j = 0; $j < 4; $j++){
11            echo "<td>Hello</td>";
12        }
13        echo "</tr>";
14    }
15    echo "</table>";
16 }>
17 </body>
18 </html>
```



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2. Modifikasilah script dari nomor 1 di atas, supaya tulisan 'Hello' diganti dengan nomor urut 1, 2, 3, ..., 20 pada setiap cell di dalam tabel! (simpan sebagai prak020202.php)

```
C:\xampp\htdocs\Praktikum02\praktikum020202.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

1 <html>
2 <head>Headings</head>
3 <body>
4 <?php
5     $baris = 4;
6     $kolom = 5;
7     echo "<table border='1'>";
8     for($i=1; $i < ($kolom*$baris); $i+=4){
9         echo "<tr>";
10        for ($j = 0; $j < $baris; $j++){
11            $x = $i+$j;
12            echo "<td>.$x.</td>";
13        }
14        echo "</tr>";
15    }
16    echo "</table>";
17 }
18 </body>
19 </html>
```

Line 18, Column 12: Detect Indentation: Setting indentation to tabs

Tab Size: 4 PHP

localhost/Praktikum02/praktikum020202.php

Headings

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.
13.	14.	15.	16.
17.	18.	19.	20.

3. Modifikasilah script dari nomor 2 di atas, supaya cell dan tampilan angka dibedakan warnanya antara yang angka genap dan ganjil dengan ketentuan sbb:
- Angka ganjil: font color red, warna cell putih

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- Angka genap: font color putih, warna cell red

(simpan sebagai prak020203.php)

```
C:\xampp\htdocs\Praktikum02\praktikum020203.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

1 <html>
2 <head>Headings</head>
3 <body>
4 <?php
5     $baris = 4;
6     $kolom = 5;
7     echo "<table border='1'>";
8     for($i=1; $i < ($kolom*$baris); $i+=4){
9         echo "<tr>";
10        for ($j = 0; $j < $baris; $j++){
11            $x = $i+$j;
12            if ($x%2==0){
13                echo "<td bgcolor=red ; style= 'white'>".$x."</td>";
14            } else{
15                echo "<td bgcolor=white ; style='red'>".$x."</td>";
16            }
17        }
18        echo "<tr>";
19    }
20    echo "</table>";
21 }>
22 </body>
23 </html>
```

Headings

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20