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Kelas : Pemrograman Web – E

Dasar PHP

1. Operasi Variabel

- Source Code

```
1 $x1 = 10 + 23;  
2 echo "10 + 23 = " . $x1 . "<br>";  
3 $x2 = 30 - 18;  
4 echo "30 - 18 = " . $x2 . "<br>";  
5 $x3 = 120 / 15;  
6 echo "120 : 15 = " . $x3 . "<br>";  
7 $x4 = 22 * 21;  
8 echo "22 x 21 = " . $x4 . "<br>";  
9 $x5 = 32 % 3;  
10 echo "32 % 3 = " . $x5 . "<br>";  
11 $y1 = 127 + 44;  
12 echo "127 + 44 = " . $y1 . "<br>";  
13 $y2 = 780 - 76;  
14 echo "780 - 76 = " . $y2 . "<br>";  
15 $y3 = 320 / 40;  
16 echo "320 : 40 = " . $y3 . "<br>";  
17 $y4 = 122 * 32;  
18 echo "122 x 32 = " . $y4 . "<br>";  
19 $y5 = 132 % 8;  
20 echo "132 % 8 = " . $y5 . "<br>";  
21 $z1 = 120 + 73;  
22 echo "120 + 73 = " . $z1 . "<br>";  
23 $z2 = 130 - 99;  
24 echo "130 - 99 = " . $z2 . "<br>";  
25 $z3 = 720 / 20;  
26 echo "720 : 20 = " . $z3 . "<br>";  
27 $z4 = 145 * 98;  
28 echo "145 x 98 = " . $z4 . "<br>";  
29 $z5 = 192 % 6;  
30 echo "192 % 6 = " . $z5 . "<br>";
```

- Output

```
10 + 23 = 33  
30 - 18 = 12  
120 : 15 = 8  
22 x 21 = 462  
32 % 3 = 2  
127 + 44 = 171  
780 - 76 = 704  
320 : 40 = 8  
122 x 32 = 3904  
132 % 8 = 4  
120 + 73 = 193  
130 - 99 = 31  
720 : 20 = 36  
145 x 98 = 14210  
192 % 6 = 0
```

2. Perhitungan Lima Buah Variabel

- Source Code

```
1 <?php
2 $a = 2;
3 $b = 3;
4 $c = 4;
5 $d = 5;
6 $e = 6;
7
8 $hasil = (($a + $b) / ($c * $d)) - $e;
9
10 echo "Variabel a: " . $a . "<br>";
11 echo "Variabel b: " . $b . "<br>";
12 echo "Variabel c: " . $c . "<br>";
13 echo "Variabel d: " . $d . "<br>";
14 echo "Variabel e: " . $e . "<br><br>";
15 echo "((a+b)/(c*d))-e = " . $hasil;
16 ?>
17
```

- Output

Variabel a: 2
Variabel b: 3
Variabel c: 4
Variabel d: 5
Variabel e: 6

$((a+b)/(c*d))-e = -5.75$

3. Form Hitung

- Source Code

```
1 <html lang="en">
2 <head>
3   <meta charset="UTF-8">
4   <meta http-equiv="X-UA-Compatible" content="IE=edge">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Form Hitung</title>
7 </head>
8 <body>
9   <form action="no3.php" method="post">
10     <label for="val1">Value 1:</label>
11     <input type="number" id="val1" name="val1"><br><br>
12     <label for="val2">Value 2:</label>
13     <input type="number" id="val2" name="val2"><br><br>
14     <label for="operator">Operator:</label>
15     <select name="operator" id="operator">
16       <option value="+>+</option>
17       <option value="->-</option>
18       <option value="*>*</option>
19       <option value="/">/</option>
20       <option value="%>%</option>
21     </select><br><br>
22     <input type="submit" value="Hitung">
23   </form>
24   <?php include 'no3.php'; ?>
25 </body>
26 </html>
```

```

1 <?php
2 if (isset($_POST['val1']) && isset($_POST['val2']) &&
   isset($_POST['operator'])) {
3     $val1 = $_POST['val1'];
4     $val2 = $_POST['val2'];
5     $operator = $_POST['operator'];
6
7     switch ($operator) {
8         case '+':
9             $result = $val1 + $val2;
10            $operator = "tambah";
11            break;
12        case '-':
13            $result = $val1 - $val2;
14            $operator = "kurang";
15            break;
16        case '*':
17            $result = $val1 * $val2;
18            $operator = "kali";
19            break;
20        case '/':
21            $result = $val1 / $val2;
22            $operator = "bagi";
23            break;
24        case '%':
25            $result = $val1 % $val2;
26            $operator = "modulo";
27            break;
28        default:
29            $result = "Invalid operator";
30            break;
31    }
32
33    echo "<p>Hasil dari operator " . $operator . " adalah " . $result . "</p>";
34 }
35 ?>
36

```

- Output

Value 1:

Value 2:

Operator:

Hasil dari operator modulo adalah 1

4. Form Input Data
 - Source Code

```

1 <!DOCTYPE html>
2 <html>
3
4 <head>
5     <title>Form Data</title>
6 </head>
7
8 <body>
9     <form action="action.php" method="POST">
10         <fieldset>
11             <legend>Tugas 2</legend>
12             <p>
13                 <label>Nama:</label>
14                 <input type="text" name="nama" placeholder="Nama lengkap..." />
15             </p>
16             <p>
17                 <label>Alamat:</label>
18                 <input type="text" name="alamat" placeholder="Alamat..." />
19             </p>
20             <p>
21                 <label>Jenis kelamin:</label>
22                 <label><input type="radio" name="jk" value="laki-laki" /> Laki-
laki</label>
23                 <label><input type="radio" name="jk" value="perempuan" />
Perempuan</label>
24             </p>
25             <p>
26                 <label>Email:</label>
27                 <input type="email" name="email" placeholder="Your email..." />
28             </p>
29             <p>
30                 <label>Hitung:</label>
31                 <label>8+1</label>
32             </p>
33             <p>
34                 <label>Jawab:</label>
35                 <input type="text" name="hasil" placeholder="Jawab..." />
36             </p>
37             <p>
38                 <input type="submit" name="submit" value="Daftar" />
39                 <input type="reset" name="reset" value="Reset" />
40             </p>
41         </fieldset>
42     </form>
43 </body>
44
45 </html>

```

```

1 <?php
2 $jawaban = $_POST["hasil"];
3 $angka = 9;
4 if (isset($_POST['submit'])) {
5     if ($jawaban == $angka) {
6         $nama = $_POST['nama'];
7         $alamat = $_POST['alamat'];
8         $jk = $_POST['jk'];
9         $email = $_POST['email'];
10        $hasil = "benar"; ?>
11
12    <html>
13
14    <head>
15        <title>data</title>
16    </head>
17
18    <body>
19        <table border="1">
20            <tr>
21                <thead>
22                    <th>Nama</th>
23                    <th>Alamat</th>
24                    <th>Jenis Kelamin</th>
25                    <th>Email</th>
26                    <th>Jawaban</th>
27                </thead>
28            </tr>
29            <tr>
30                <tbody>
31                    <th><?php echo $nama; ?></th>
32                    <th><?php echo $alamat; ?></th>
33                    <th><?php echo $jk; ?></th>
34                    <th><?php echo $email; ?></th>
35                    <th><?php echo $hasil; ?></th>
36                </tbody>
37            </tr>
38        </table>
39    </body>
40
41    </html>
42    <?php } else { ?>
43        <html>
44            <body>
45                <p>maaf jawaban anda salah kembali untuk mengisi jawaban dengan
46                banar <a href="form-data.html">ulangi</a></p>
47            </body>
48        </html>
49    <?php }
50    }
51    ?>

```

- Output

Nama:

Alamat:

Jenis kelamin: ☒ Laki-laki ☐ Perempuan

Email:

Hitung: 8+1

Jawab:

- Database

Nama	Alamat	Email	Jenis Kelamin	Jawaban
Fairus	Malang	gmail	Laki-laki	Salah