SCREENSHOOT

PEMROGRAMAN WEB DAN MOBILE 1

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KELAS :   1 (AP 1)

MODUL :   I (PHP(Hypertext Preprocessor))

JURUSAN TEKNIK INFORMATIKA

FAKULTAS TEKNIK

UNIVERSITAS PALANGKA RAYA

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A. CODINGAN PHP:

```php
index.php > html > body > div.container
1    <!DOCTYPE html>
2    <html>
3    <head>
4        <title>Pengolahan Nama Keluarga</title>
5        <link rel="stylesheet" href="asset/style.css">
6    </head>
7    <body>
8        <div class="container">
9            <h1>A.Irwin Putra Pangesti</h1>
10           <h2>Form Input Nama Keluarga</h2>
11           <form method="post">
12               <label for="names">Masukkan nama anggota keluarga (pisahkan dengan koma):</label><br>
13               <input type="text" name="names" id="names"><br>
14               <input type="submit" value="Submit">
15           </form>
16
17           <?php
18           session_start();
19           if ($_SERVER["REQUEST_METHOD"] == "POST") {
20               $names = explode(",", $_POST['names']);
21               $_SESSION['names'] = $names;
22           }
23
24           if (isset($_SESSION['names'])) {
25               $names = $_SESSION['names'];
26               $totalNames = count($names);
27               $totalLetters = 0;
28               $totalConsonants = 0;
29               $totalVowels = 0;
30
31               echo "<table class='result-table'>";
32               echo "<tr><th>Nama</th><th>Jumlah huruf</th><th>Nama terbalik</th><th>Jumlah konsonan</th><th>Jumlah vokal</th></tr>";
33
34               foreach ($names as $index => $name) {
35                   $name = trim($name);
36                   $reversedName = strrev($name);
37                   $totalLetters += strlen(str_replace(' ', '', $name));
38
39
40                   // Menghitung jumlah konsonan dan vokal
41                   $totalConsonants += preg_match_all('/[bcdfghjklmnpqrstvwxyzBCDFGHJKLMNPQRSTVWXYZ]/', $name);
42                   $totalVowels += preg_match_all('/[aeiouAEIOU]/', $name);
43
44                   echo "<tr>";
45                   echo "<td>$name</td>";
46                   echo "<td>" . strlen(str_replace(' ', '', $name)) . "</td>";
47                   echo "<td>$reversedName</td>";
48                   echo "<td>" . preg_match_all('/[bcdfghjklmnpqrstvwxyzBCDFGHJKLMNPQRSTVWXYZ]/', $name) . "</td>";
49                   echo "<td>" . preg_match_all('/[aeiouAEIOU]/', $name) . "</td>";
50                   echo "</tr>";
51               }
52
53               echo "</table>";
54
55               echo "<div class='total'>";
56               echo "<h3>Total</h3>";
57               echo "<p>Jumlah nama: $totalNames</p>";
58               echo "<p>Jumlah huruf: $totalLetters</p>";
59               echo "<p>Jumlah konsonan: $totalConsonants</p>";
60               echo "<p>Jumlah vokal: $totalVowels</p>";
61               echo "</div>";
62           }
63           ?>
64       </div>
65   </body>
66   </html>
67
```

B. CODINGAN CSS:

```css
body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 20px;
    background-color: #ffffff;
}

.container {
    max-width: 800px;
    margin: 0 auto;
    padding: 20px;
    background-color: #fff;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.6);
}

h1 {
    text-align: center;
}

h2 {
    text-align: center;
}

form {
    margin-bottom: 20px;
}

input[type="text"],
input[type="submit"] {
    padding: 10px;
    margin-bottom: 10px;
    width: 100%;
    box-sizing: border-box;
}

input[type="submit"] {
    background-color: #4CAF50;
    color: white;
    border: none;
    cursor: pointer;
    transition: background-color 0.3s ease;
}

input[type="submit"]:hover {
    background-color: #3cff00;
    color: rgb(0, 0, 0);
}
.result-table {
    width: 100%;
    border-collapse: collapse;
}

.result-table th,
.result-table td {
    border: 1px solid #ddd;
    padding: 8px;
}

.result-table th {
    text-align: left;
    background-color: #f2f2f2;
}

.delete-btn,
.edit-btn {
    background-color: #f44336;
    color: white;
    border: none;
    padding: 5px 10px;
    cursor: pointer;
    border-radius: 3px;
    transition: background-color 0.3s ease;
}

.delete-btn:hover,
.edit-btn:hover {
    background-color: #d32f2f;
}

.action-form {
    display: inline;
}

.total {
    background-color: #f9f9f9;
    padding: 10px;
    border-radius: 5px;
    margin-top: 20px;
}
```

C. OUTPUT:

A.Irwin Putra Pangesti

Form Input Nama Keluarga

Masukkan nama anggota keluarga (pisahkan dengan koma):

Submit

Nama	Jumlah huruf	Nama terbalik	Jumlah konsonan	Jumlah vokal
Putra	5	artuP	3	2
Irwin	5	niwrI	3	2
Pangesti	8	itsegnaP	5	3
Agustinus	9	sunitsugA	5	4

Total

Jumlah nama: 4

Jumlah huruf: 27

Jumlah konsonan: 16

Jumlah vokal: 11