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Kelas : 2KS4

Penugasan Praktikum Pemrograman Berbasis Web Pertemuan 11

1. Telltime.php

```
P11 > telltime.php
1  <?php
2      //date_default_timezone_set('Asia/Jakarta');
3      echo date('d-m-Y');
4      echo " ";
5      echo date('H:i:s');
6  ?>
```

← ↻ ⓘ localhost/PBW/P11/telltime.php

31-05-2023 18:56:24

2. Showtime.php

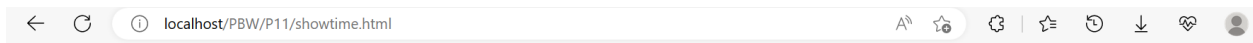
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Ajax Demonstration</title>
</head>
<style>
    .displaybox {
        display: table-cell;
        vertical-align: middle;
        width: 150px;
        height: 40px;
        background-color: #FFFFFF;
        border: 2px solid #000000;
        padding: 10px;
        font: 1.5em normal verdana, helvetica, arial, sans-serif;
    }
</style>
```

```

<script>
    var ajaxRequest;
    function ajaxResponse() {
        // check to see if we're done
        if (ajaxRequest.readyState != 4) {
            return;
        } else {
            // check to see if successful
            if (ajaxRequest.status == 200) {
                var plholder = document.getElementById("showtime");
                plholder.innerHTML = ajaxRequest.responseText;
            } else {
                alert("Request failed: " + ajaxRequest.statusText);
            }
        }
    }
    function getServerTime() {
        ajaxRequest = new XMLHttpRequest();
        var svcUrl = "telltime.php";
        ajaxRequest.onreadystatechange = ajaxResponse;
        ajaxRequest.open("GET", svcUrl);
        ajaxRequest.send(null);
    }
    // Write a function to auto-update the time
    function autoUpdateTime() {
        getServerTime();
        setInterval(getServerTime, 1000);
    }
</script>

<body onload="autoUpdateTime()">
    <h1>Ajax Demonstration</h1>
    <h2>Getting the server time without refreshing the page</h2>
    <form>
        <input type="button" value="Get Server Time"
onclick="getServerTime()" />
    </form><br/>
    <div id="showtime" class="displaybox"></div>
</body>
</html>

```



Ajax Demonstration

Getting the server time without refreshing the page

Get Server Time

31-05-2023
19:29:40

3. Menggunakan aplikasi AJAX untuk pencarian
php11F_suggestion.php

```
function showHint(str) {  
    if (str.length == 0) {  
        document.getElementById("txtHint").innerHTML = ""; // Menghapus  
        konten pada elemen txtHint  
        return; // Keluar dari fungsi  
    }  
  
    let xhttp = new XMLHttpRequest();  
  
    //Code 4b  
  
    // Tanpa JSON  
    xhttp.onreadystatechange = function() {  
        if (this.readyState == 4 && this.status == 200) {  
            var suggestions = this.responseText;  
  
            var hint = "";  
            if (suggestions && suggestions != "no suggestion") {  
                hint = suggestions + ", ";  
            } else {  
                hint = "No Suggestion";  
            }  
  
            document.getElementById("txtHint").innerHTML = hint;  
        }  
    };  
};
```

```

xhttp.open("GET", "php11F_gethint.php?keyword=" + $str, true);
xhttp.send();
}

```

php11F_gethint.php

```

<?php
    $db_hostname = "localhost";
    $db_database = "praktikum9"; // Write your own db name here
    $db_username = "root"; // Write your own username here
    $db_password = ""; // Write your own password here
    $db_charset = "utf8mb4"; // Optional
    $dsn =
"mysql:host=$db_hostname;dbname=$db_database;charset=$db_charset";
    $opt = array(
        PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION,
        PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC,
        PDO::ATTR_EMULATE_PREPARES => false
    );
    try {
        $pdo = new PDO($dsn, $db_username, $db_password, $opt);
        //Code 6
        $query = "SELECT name FROM meeting WHERE name LIKE ?";
        $stmt = $pdo->prepare($query);
        $stmt->execute(array("%" . $_GET["keyword"] . "%"));
        // lookup all hints if query result is not empty
        $hint = "";
        if ($stmt) {
            foreach($stmt as $row) {
                if ($hint === "") {
                    $hint = $row["name"];
                } else {
                    $hint .= ", " . $row["name"];
                }
            }
        }
        // Output "no suggestion" if no hint was found or output correct
values
        echo $hint === "" ? "no suggestion" : $hint;

```

```

        $pdo = NULL;
    }
    catch (PDOException $e) {
        exit("PDO Error: ".$e->getMessage(). "<br>");
    }
?>













```

[Data Meeting](#) [Logout](#)

Menampilkan Data Meeting

Name:

Suggestions: Jody Land,Yanuar,Thomas Shelby,Wayne Ungood,Arthur Shelby

Slot	Name	Email	
5	Jody Land	j.land@foe.stis.ac.id	 
6	Hilal	hilal@gmail.com	 
8	Yanuar	yanuar@gmail.com	 
10	Thomas Shelby	thomas@shelby.co.uk	 
11	Wayne Ungood	w.ungood@foe.stis.ac.id	 
12	Arthur Shelby	arthur@shelby.co.uk	 

4. Menampilkan suggestion menggunakan JSON

php11F_suggestion.php

```

function showHint(str) {
    if (str.length == 0) {
        document.getElementById("txtHint").innerHTML = ""; // Menghapus
        konten pada elemen txtHint
        return; // Keluar dari fungsi
    }

    let xhttp = new XMLHttpRequest();

    //Code 4b

    //JSON
    xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            var response = JSON.parse(this.responseText); // Mengurai respons
            sebagai objek JavaScript

```

```

        var suggestions = response.suggestions; // Mengambil array saran
pencarian dari objek respons

        var hint = ""; // Variabel untuk menyimpan saran pencarian dalam
format string biasa
        if (suggestions && suggestions.length > 0) {
            hint = suggestions.join(", "); // Menggabungkan saran pencarian
menjadi satu string dengan pemisah koma
        } else {
            hint = "No Suggestion"; // Jika tidak ada saran pencarian, set
string "no suggestion"
        }

        document.getElementById("txtHint").innerHTML = hint; //
Menampilkan saran pencarian dalam elemen txtHint
    }

};

xhttp.open("GET", "php11F_gethint2.php?keyword=" + str, true);
xhttp.send();
}

```

php11F_gethint2.php

```

<?php
require 'config_db.php';
$dsn = "mysql:host=$db_hostname;dbname=$db_database;charset=$db_charset";
$opt = array(PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION);

try {
    $pdo = new PDO($dsn, $db_username, $db_password, $opt);

    $query = "SELECT name FROM meeting WHERE name LIKE ?";
    $stmt = $pdo->prepare($query);
    $stmt->execute(array("%" . $_GET["keyword"] . "%"));

    // Construct an array of suggestions
    $suggestions = array();
    while ($row = $stmt->fetch(PDO::FETCH_ASSOC)) {

```

```
$suggestions[] = $row["name"];

}













// Output the suggestions as JSON
echo json_encode(array("suggestions" => $suggestions));

$pdo = NULL;
} catch (PDOException $e) {
    exit("PDO Error: " . $e->getMessage() . "<br>");
}
?>
```

Menampilkan Data Meeting

Name:

Suggestions: Jody Land, Hilal

Slot	Name	Email	
5	Jody Land	j.land@foe.stis.ac.id	 
6	Hilal	hilal@gmail.com	 
8	Yanuar	yanuar@gmail.com	 
10	Thomas Shelby	thomas@shelby.co.uk	 
11	Wayne Ungood	w.ungood@foe.stis.ac.id	 
12	Arthur Shelby	arthur@shelby.co.uk	 
<input type="button" value="Tambah"/>			