TUGAS PEMROGRAMAN WEB LANJUT

MATERI AJAX

Nama   :   Wisnugroho

Nim   :   A12.2019.06262

Kelompok   :   A12.6509

PROGRAM STUDI SISTEM INFORMASI

FAKULTAS ILMU KOMPUTER

UNIVERSITAS DIAN NUSWANTORO SEMARANG

1. Ajax dengan Javascript

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Wisnugroho [ A12.2019.06262 ]</title>
</head>
<body>
    <div id="printName"></div>
    <div id="printNim"></div>

    <script type="text/javascript">

        function load_ajax(url, callback){

            // buat objek xmlhttprequest
            var xhr = new XMLHttpRequest();
            xhr.onreadystatechange = cekStatus;

            function cekStatus(){
                if( xhr.readyState === 4 && xhr.status === 200){
                    callback( xhr.responseText );
                }
            }
            // melakukan request
            xhr.open('GET', url, true);
            xhr.send();
        }

        // memanggil otomatis
        load_ajax('data.json', function(data){
            console.log(data);

            data = JSON.parse(data);
            document.getElementById('printName').innerHTML = data.nama;
            document.getElementById('printNim').innerHTML = data.nim;
        });

    </script>
</body>
</html>
```

```json
{
    "nama" : "Wisnugroho",
    "nim" : "A12.2019.06262"
}
```

🅴 Wisnugroho [A12.2019.06262] ✕   +

← → C ⌂   ○ 🗋 localhost/ajax/ajax dengan javascript/   110% 🏠 ☆

Wisnugroho
A12.2019.06262

☐ ☐ Inspector ▶ Console ☐ Debugger ↑↓ Network {} Style Editor ⏱ Performance ⏚ Memory 🗄 Storage ✝ Accessibility ⠿ Application

🗑 ▽ Filter Output
    {
        "nama" : "Wisnugroho",
        "nim" : "A12.2019.06262"
    }

2. Ajax dengan Php

```php
index.php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Wisnugroho [ A12.2019.06262 ]</title>
</head>
<body>
    <div id="box"></div>
    <input type="text" name="nama" id="inputText">
    <button id="button">Ambil Data</button>

    <script type="text/javascript">
        function load_ajax(url, callback){

            // buat objek xmlhttprequest
            var xhr = new XMLHttpRequest();
            xhr.onreadystatechange = cekStatus;

            function cekStatus(){
                if( xhr.readyState === 4 && xhr.status === 200){
                    callback( xhr.responseText );
                }
            }
            // melakukan request
            xhr.open('GET', url, true);
            xhr.send();
        }

        // memanggil ketika button di klik
        document.getElementById('button').onclick = function(){

            text = document.getElementById('inputText').value;

            load_ajax('data.php?q=' + text, function(data){
                document.getElementById('box').innerHTML = data;
            });
        };

    </script>
</body>
</html>
```

```php
index.php        data.php
<?php

    echo $_GET['q'];

?>
```

Wisnugroho [A12.2019.06262]   +

localhost/ajax/ajax dengan php/   110%

Wisnugroho
Wisnugroho   Ambil Data

3. Ajax dengan Jquery Load

```
index.php        ×   file.php        ×   jquery.min.js        ×
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Wisnugroho [ A12.2019.06262 ]</title>
</head>
<body>
    <div id="box"></div>

    <script src="jquery.min.js"></script>
    <script type="text/javascript">
        $(document).ready(function(){
            // load
            $('#box').load('file.php', function(response, status, xhr){
                if( status === 'success'){
                    console.log('Berhasil!');
                }else{
                    console.log('Gagal!');
                }
            });
        });
    </script>
</body>
</html>
```

```
index.php        ×   file.php        ●   jquery.min.js        ×
<?php

    echo 'Wisnugroho'. '</br>';
    echo 'A12.2019.06262';

?>
```

Wisnugroho [A12.2019.06262]   ×   +

← → C ⌂   ○ 🗋 localhost/ajax/ajax dengan jquery load/   110% 🏠 ☆

Wisnugroho
A12.2019.06262

🔍 ⬚ Inspector ▶ Console ▷ Debugger ↑↓ Network {} Style Editor ⏱ Performance ⬚ Memory 🗄 Storage ✛ Accessibility ▦ Application

🗑 ▽ Filter Output

Berhasil!

4. Jquery dengan Get dan Post

```
index.php    ●    file.php    ×    jquery.min.js    ×
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Wisnugroho [ A12.2019.06262 ]</title>
</head>
<body>

    <div id="box"></div>

    <script src="jquery.min.js"></script>
    <script type="text/javascript">
        $(document).ready(function(){
            // get dan post

            //get
            // $.get('file.php',{'nama' : 'Wisnu' })
            //   .done(function(data){
            //       $('#box').html(data);
            // });

            //post
            $.post('file.php',{'nama' : 'Wisnu', 'nim' : 'A12.2019.06262' })
                .done(function(data){
                    $('#box').html(data);
            });
        });
    </script>
</body>
</html>
```

```
index.php    ●    file.php    ●    jquery.min.js    ×
<?php

    // $text = $_GET['nama'];

    // echo 'Nama : ' .$text;

    $nama = $_POST['nama'];
    $nim  = $_POST['nim'];

    echo 'Name : '. $nama. '</br>';
    echo 'Nim : '. $nim;

?>
```

Wisnugroho [A12.2019.06262]   ×   +

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Name : Wisnu
Nim : A12.2019.06262

5. Ajax dengan Jquery

```
index.php          ×    file.php          ×    jquery.min.js          ×
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Wisnugroho [ A12.2019.06262 ]</title>
</head>
<body>

    <div id="box"></div>
    <button id="btn">Ambil Data</button>

    <script src="jquery.min.js"></script>
    <script type="text/javascript">
        $(document).ready(function(){
            //ajax

            $('#btn').click(function(){
                $.ajax({
                    url     : 'file.php',
                    method  : 'POST',
                    data    : { nama : 'Wisnugroho', nim : 'A12.2019.06262'}
                }).done(function(hasil){
                    $('#box').html(hasil);
                });
            });
        });
    </script>
</body>
</html>
```
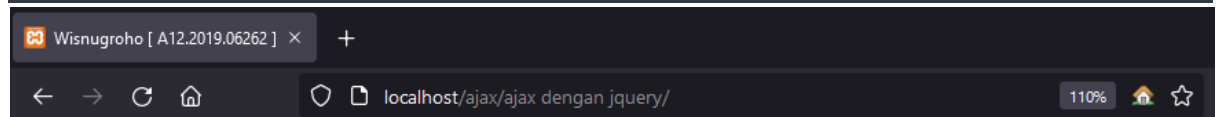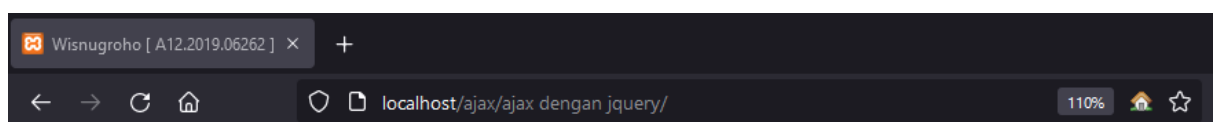
```
index.php          ×    file.php          ●    jquery.min.js          ×
<?php

    $nama = $_POST['nama'];
    $nim = $_POST['nim'];

    echo 'Nama : '. $nama. '</br>';
    echo 'Nim : '. $nim;

?>
```

Wisnugroho [A12.2019.06262] ×   +

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Ambil Data

Wisnugroho [A12.2019.06262] ×   +

← → C ⌂   localhost/ajax/ajax dengan jquery/   110%

Nama : Wisnugroho
Nim : A12.2019.06262
Ambil Data