

Aplikasi Teknologi Online



Alif Finandhita, S.Kom., M.T.



Alif Finandhita



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ALIF FINANDHITA, S.KOM, M.T

First Date

Pertemuan Pertama (wajib menggoda)



Aturan Perkuliahan

1

Skema Penilaian

2

Outline / Silabus

3

Referensi

4

5

Aturan Perkuliahan

Pelaksanaan Perkuliahan di Lab

Telat

- **Maksimum 15 Menit**



Gadget

- **Airplane Mode**
- **No Wi-Fi / Internet Signal**



Penilaian Perkuliahan

Penilaian Perkuliahan

Nilai

- 10 % Kehadiran
- 20 % Tugas
- 30 % UTS (Tugas UTS)
- 40 % UAS (Tugas UAS)

Range
Nilai

- $80 \leq A \leq 100$
- $68 \leq B \leq 79$
- $56 \leq C \leq 67$
- $45 \leq D \leq 55$

KEHADIRAN	TUGAS / QUIZ			UTS	UAS	NILAI AKHIR	INDEX
	I	II	III				
90	80	75	75	80	75	78,33	B
100	80	80	80	55	70	70,50	B
71	60	65	65	55	55	58,27	C
93	75	70	70	70	50	64,63	C
57	78	75	75	50	60	59,90	C
100	65	65	65	70	55	66,00	C

**Tugas /
Pengumuman**

- **Kuliah.unikom.ac.id**

Silabus Kuliah

Outline

Pemrograman Web dengan PHP

Object Oriented Programming
dengan PHP

Aplikasi Database Berbasis Web

Asynchronous Javascript and XML

Content Management
Systems (CMS)

Referensi Perkuliahan

Daftar Pustaka

PHP Manual

www.php.net/manual/

MySQL Reference Manual

<http://dev.mysql.com/doc/refman/5.5/en/>

Sumber-sumber lainnya



Let's Start

Aplikasi Teknologi Online



ALIF FINANDHITA, S.KOM, M.T

Let's Start



Ticketing

Produk

Nilai

Lainnya

MySQL

php

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Internet ID/No GFF Password

Daftar [Lupa Password](#)

- [Buat Reservasi](#)
- [Status Reservasi](#)
- [Check-in](#)
- [Lihat Jadwal](#)
- [Special Offer](#)

Pergi Pulang Sekali Jalan [Beberapa Kota](#)

Dari **Bandung (BDO), Husein Sastranegara Arpt (BDC)**

Ke **A**

- Ambon (AMQ), Pattimura Arpt (AMQ)**
- Amsterdam (AMS), Schiphol Intl Arpt (AMS)
- Abu Dhabi (AUH), Abu Dhabi Intl Arpt (AUH)
- Bali/Denpasar (DPS), Ngurah Rai Intl Arpt (DPS)
- Balikpapan (BPN), Sepinggan Arpt (BPN)
- Banda Aceh (BTJ), Sultan Iskandar Muda Arpt (BTJ)
- Banjarmasin (BDJ), Sjamsudin Noor Arpt (BDJ)
- Batam (BTH), Hang Nadim Arpt (BTH)
- Biak (BIK), Frans Kaisiepo Arpt (BIK)
- Bandar Lampung/Tanjung Karang (TKG), Raden Inten II Arpt (TKG)
- Bangkok (BKK), Suvarnabhumi Intl Arpt (BKK)**
- Beijing (BJS), Beijing Capital Intl Arpt (PEK)
- Brisbane (BNE), Brisbane Intl Arpt (BNE)
- Bengkulu (BKS), Fatmawati Soekarno Arpt (BKS)
- Berau (BEJ), Kalimantan Arpt (BEJ)
- Bima (BMU), Sultan Muhammad Salahuddin Arpt (BMU)
- Gorontalo (GTO), Jalaluddin Airport (GTO)
- Guangzhou (CAN), Baiyun Intl Arpt (CAN)
- Jakarta (JKT), Soekarno Hatta Intl Arpt (CGK)

Selalu terhubung di udara dengan In-flight Connectivity

syarat dan ketentuan berlaku



GARUDA
In-flight connectivity

- Padang

[Book Now](#)

Padang - Medan

Mulai dari **IDR 430,500**

[Book Now](#)

Jakarta - Jambi

Mulai dari **IDR 397,000**

[Book Now](#)

Aktifitas gunung kelud meningkat, untuk sementara penerbangan dari dan ke empat kota dibatalkan

RESERVASI TIKET

Layanan Pemesanan Tiket Secara Online

Info Jadwal dan Reservasi

BANDUNG (BD) - BANJAR (BJR)

Selasa, 04 Maret 2014

Dewasa : 1 Anak : 0 Infant : 0

KERETA API	JAM / TANGGAL		TARIF
	BERANGKAT	DATANG	

LODAYA PAGI

66	07:00 04 Mar 2014	10:31 04 Mar 2014	Eks (A)	Rp. 220.000	Booking
			Eks (H)	Rp. 205.000	Booking
			Eks (I)	Rp. 190.000	Booking
			Eks (J)	Rp. 175.000	Booking
			Bis (B) - Dewasa	Rp. 175.000	Booking
			Bis (B) - Anak	Rp. 175.000	
			Bis (K) - Dewasa	Rp. 160.000	Booking
			Bis (K) - Anak	Rp. 160.000	
			Bis (N) - Dewasa	Rp. 150.000	Booking

INFO JADWAL & RESERVASI

Tanggal

 Selasa, 04 Maret 2014

Stasiun Asal

 BANDUNG

Stasiun Tujuan

 BANJAR

Dewasa

 1

Anak

 ...

Infant

 ...
[Tampilkan](#)
[Cek Kode Booking](#)

 Manfaatkan **kemudahan**
 memperoleh tiket **Kereta Api**

Channel Alternatif

➤ PAYMENT POINT

Contact Center 121, Jaringan Citos Connection, Aeroticket, Oke Tiket, FinChannel, Jaringan Jatelindo B-ISA, JaringanFastpay BMW, PPOB BRI Delaprasta, Jaringan Via Travel, Jaringan I-Zone, PPOB e-Channel Bank Syariah Mandiri, Jaringan BTrav Connection, M-PD Q-NETS, Jaringan Pointax, Violet Online Connection - VOC, Jaringan Mitracomm, Jaringan Vas Mobile, Jaringan Asia Wisata, Jaringan ATA Indonesia, Jaringan Panglima Ekspres, Jaringan Tors.us.

RESERVASI TIKET

Layanan Pemesanan Tiket Secara Online

Cek Kode Booking

Masukan Kode Booking atau Nomor Booking :

Info Detail

Status Bayar : **Sudah Bayar**

Total Bayar : Rp. 177.500

Info Rute

Nama KA : **ARGO WILIS**

Nomor KA : 5

Asal : BJR (BANJAR) Tujuan : BD (BANDUNG)

Jam Berangkat : 15:19 Jam Datang : 18:43

Tanggal Berangkat : 09-AUG-13

Kelas : Eksekutif (J)

Info Penumpang

No.	Nama Penumpang	No Identitas	Tipe	No Tempat Duduk	No Tiket
1	EKO BUDI SETIAWAN		A	2A	
2	FANNY ANDALIA		A	2B	

Jumlah Penumpang : 2

INFO JADWAL & RESERVASI

Tanggal

Stasiun Asal

...

Stasiun Tujuan

...

Dewasa

Anak

Infant

...

...

...

Manfaatkan **kemudahan**
memperoleh tiket **Kereta Api**

Channel Alternatif

- > Contact Center 121
- > Agen Resmi KAI
- > Rail Box (ATM Tiket 24 Jam)
- > Drive Thru
- > Alfamart
- > Indomaret
- > Kantor Pos
- > Fastpay
- > Citos Connection
- > Tiket.com

1. Tiket Kereta Api (for android)



Selamat Datang, Eko Budi Setiawan, S.Kom, M.T. (41277006091)

DAFTAR KELAS WALI

Kode Kelas	Tahun Masuk	Nama/Jenjang/Semester	Jenis Kelas	Banyak Mhs	
1011107	2011	IF-7/S1/VI	Reguler (R)	47	Lihat Isi Kelas
1011106	2011	IF-6/S1/VI	Reguler (R)	51	Lihat Isi Kelas
1011017	2010	IF-17K/S1/III	Karyawan (K)	84	Lihat Isi Kelas
1010906	2009	IF-6/S1/X	Reguler (R)	45	Lihat Isi Kelas
1010709	2007	IF-9/S1/XIV	Reguler (R)	48	Lihat Isi Kelas
1010701	2007	IF-1/S1/XIV	Reguler (R)	45	Lihat Isi Kelas

[Halaman Utama](#)

[Profile Dosen](#)

[Mata Kuliah & Prasyarat](#)

[Daftar Kelas Wali](#)

[Pencarian Data Nilai](#)

[Penyetujuan Rencana Studi](#)

[Perkuliah & Absensi](#)
[Cari Absensi Mhs Wali](#)
[Evaluasi Perkuliahan](#)

[Ganti Password](#)
[Pedoman Penggunaan Situs](#)

[Logout](#)

Let's Start

Web Programming

Proses pembangunan suatu aplikasi berbasis web untuk internet

Client Side

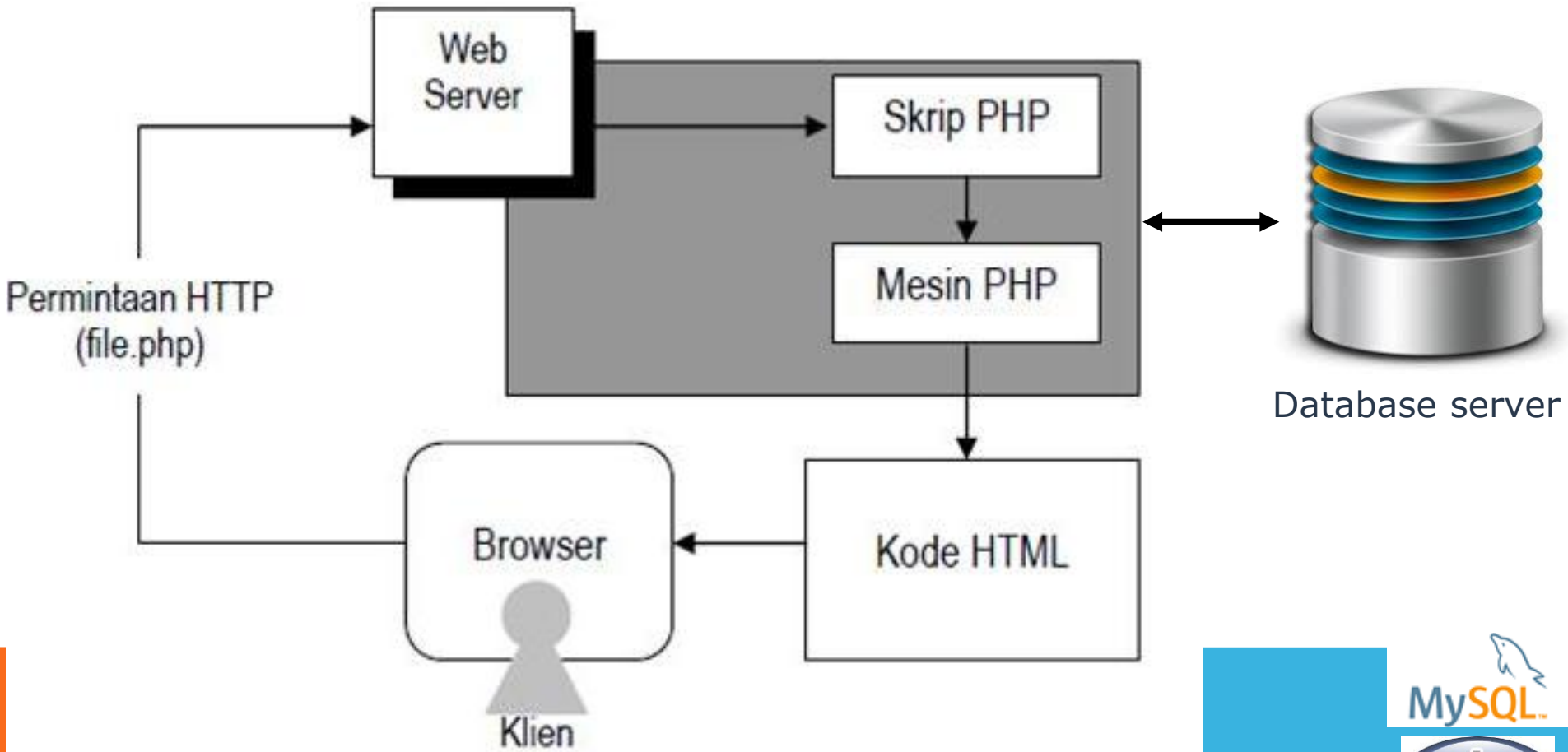
- *Dieksekusi oleh browser client*
 - *Contohnya Javascript*
 - *Waktu proses cepat*
 - *Tidak memerlukan web server*
- *Script bisa dilihat oleh pengguna*
 - *Tidak cocok untuk akses ke database*

Server Side

- *Dieksekusi oleh server*
- *Contohnya PHP, JSP, ASP*
- *Waktu proses lambat*
- *Memerlukan web server*
- *Script tidak bisa dilihat oleh pengguna*
- *Cocok untuk aplikasi database*



Cara Kerja PHP





The image shows a browser window displaying the XAMPP website. The browser's address bar shows the URL <https://www.apachefriends.org/index.html>. The website's navigation menu includes links for "Download", "Add-ons", "Hosting", "Community", and "About", along with a search bar and a language selector set to "EN". The main heading reads "XAMPP Apache + MySQL + PHP + Perl". Below this, a section titled "What is XAMPP?" explains that it is a popular PHP development environment, free and easy to install, containing Apache, MySQL, PHP, and Perl. To the right of the text is a large graphic of the XAMPP logo, which consists of an orange square with a white stylized 'A' and the word "XAMPP" in bold black letters. At the bottom of the page, there are three download buttons: "Download" (with a sub-link "Click here for other versions"), "XAMPP for Windows v5.6.3 (PHP 5.6.3)", "XAMPP for Linux v5.6.3 (PHP 5.6.3)", and "XAMPP for OS X v5.6.3 (PHP 5.6.3)".

Apache Friends

Download Add-ons Hosting Community About Search.. Search EN

XAMPP Apache + MySQL + PHP + Perl

What is XAMPP?

XAMPP is the most popular PHP development environment

XAMPP is a completely free, easy to install Apache distribution containing MySQL, PHP, and Perl. The XAMPP open source package has been set up to be incredibly easy to install and to use.



Download
Click here for other versions

 **XAMPP for Windows**
v5.6.3 (PHP 5.6.3)

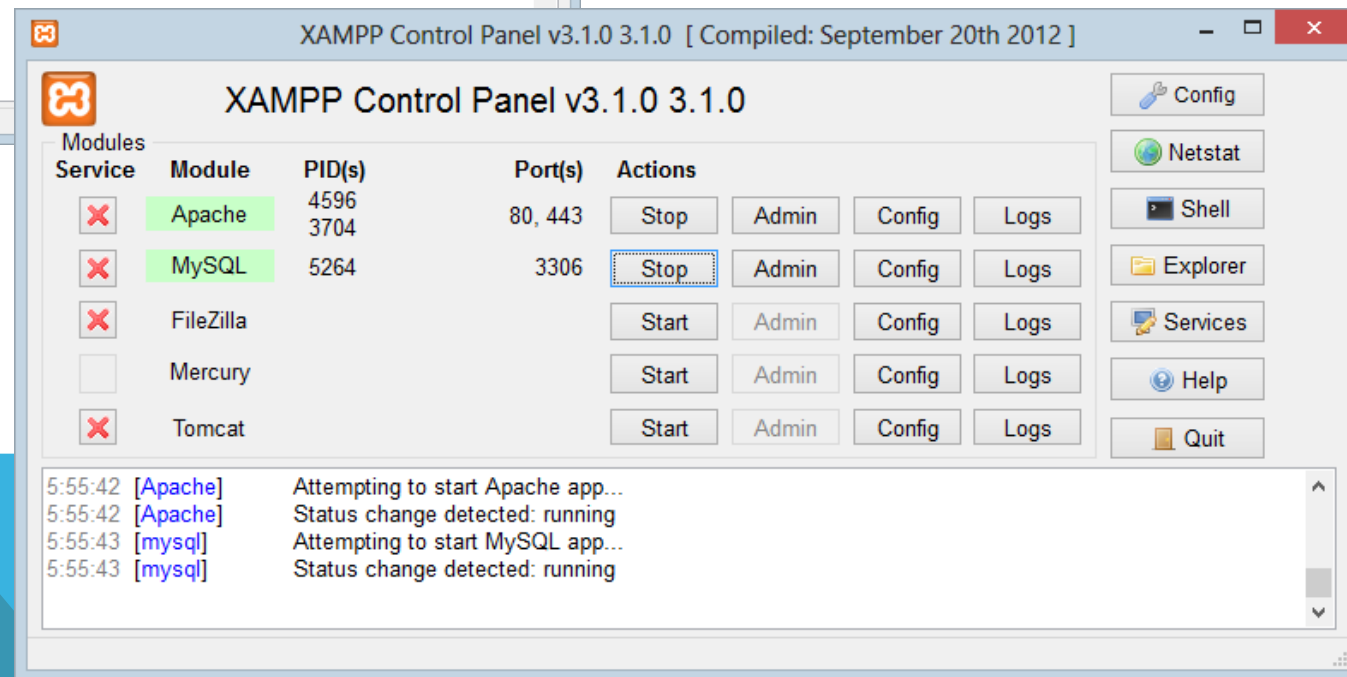
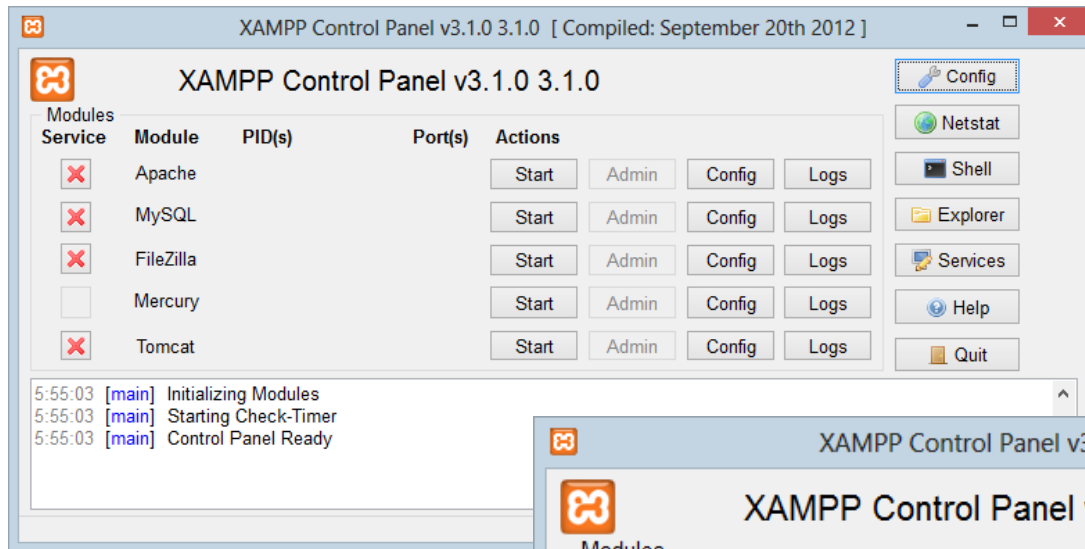
 **XAMPP for Linux**
v5.6.3 (PHP 5.6.3)

 **XAMPP for OS X**
v5.6.3 (PHP 5.6.3)

XAMPP

<https://www.apachefriends.org/>

Klik Start Pada
- Apache
- MySQL



XAMPP for Windows

English / Deutsch /

XAMPP
1.8.1
[PHP: 5.4.7]

Welcome
Status
Security
Documentation
Components

Php
phpinfo()
CD Collection
Biorhythm
Instant Art
Phone Book

Perl
perlinfo()
Guest Book

J2ee
Info
Tomcat examples

Tools
phpMyAdmin
FileZilla FTP
Webalizer
Mail

©2002-2015
...**APACHE**
FRIENDS...

Welcome to XAMPP for Windows!

Congratulations:
You have successfully installed XAMPP on this system!

+++++ +++++ A great thank you to hackattack142 for this new fine Control Panel! +++++ +++++

XAMPP 1.8.0 - Mozilla Firefox

localhost/xampp/

XAMPP für Windows

English / **Deutsch** / Français / Nederlands / Polski / Italiano / Norwegian / Español / Português (Brasil) /

XAMPP-Status

Auf dieser Übersicht kann man sehen welche XAMPP-Komponenten gestartet sind bzw. welche funktionieren. Sofern nichts an der Konfiguration von XAMPP geändert wurde, sollten MySQL, PHP, Perl, CGI und SSI aktiviert sein.

Komponente	Status	Hinweis
MySQL-Datenbank	AKTIVIERT	

XAMPP Control Panel v3.0.12 [Compiled: June 14th 2012]

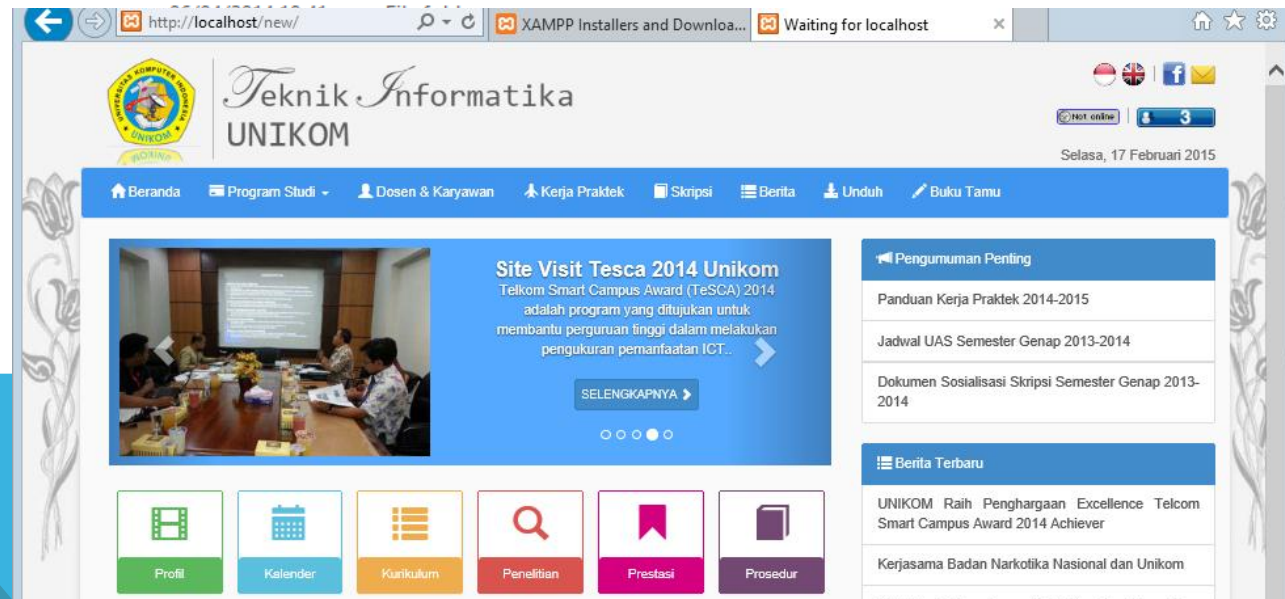
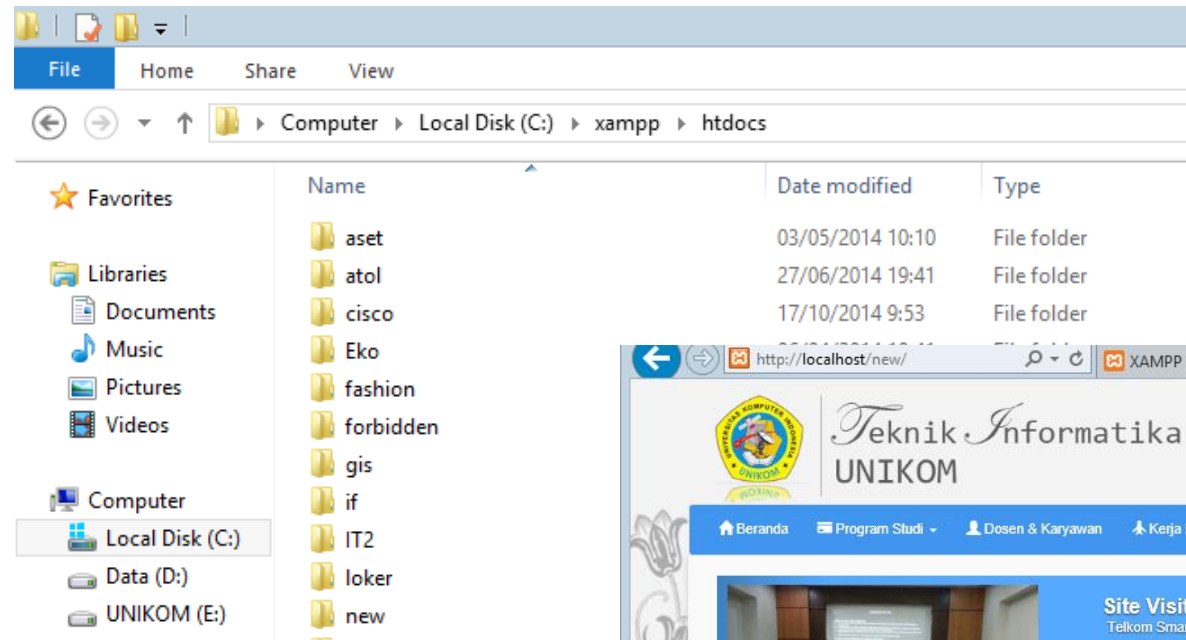
Module	Dienst	Modul	PID(s)	Port(s)	Aktionen
<input checked="" type="checkbox"/>	Apache	4224	80, 443	Stoppen Admin Konfig Logs	
<input checked="" type="checkbox"/>	MySQL	4172	3306	Stoppen Admin Konfig Logs	
<input checked="" type="checkbox"/>	FileZilla	4836	21, 14147	Stoppen Admin Konfig Logs	
<input type="checkbox"/>	Mercury	4704	25, 79, 105, 106, 110, 143, 2224	Stoppen Admin Konfig Logs	
<input checked="" type="checkbox"/>	Tomcat	4340	8005, 8009, 8080	Stoppen Admin Konfig Logs	

```

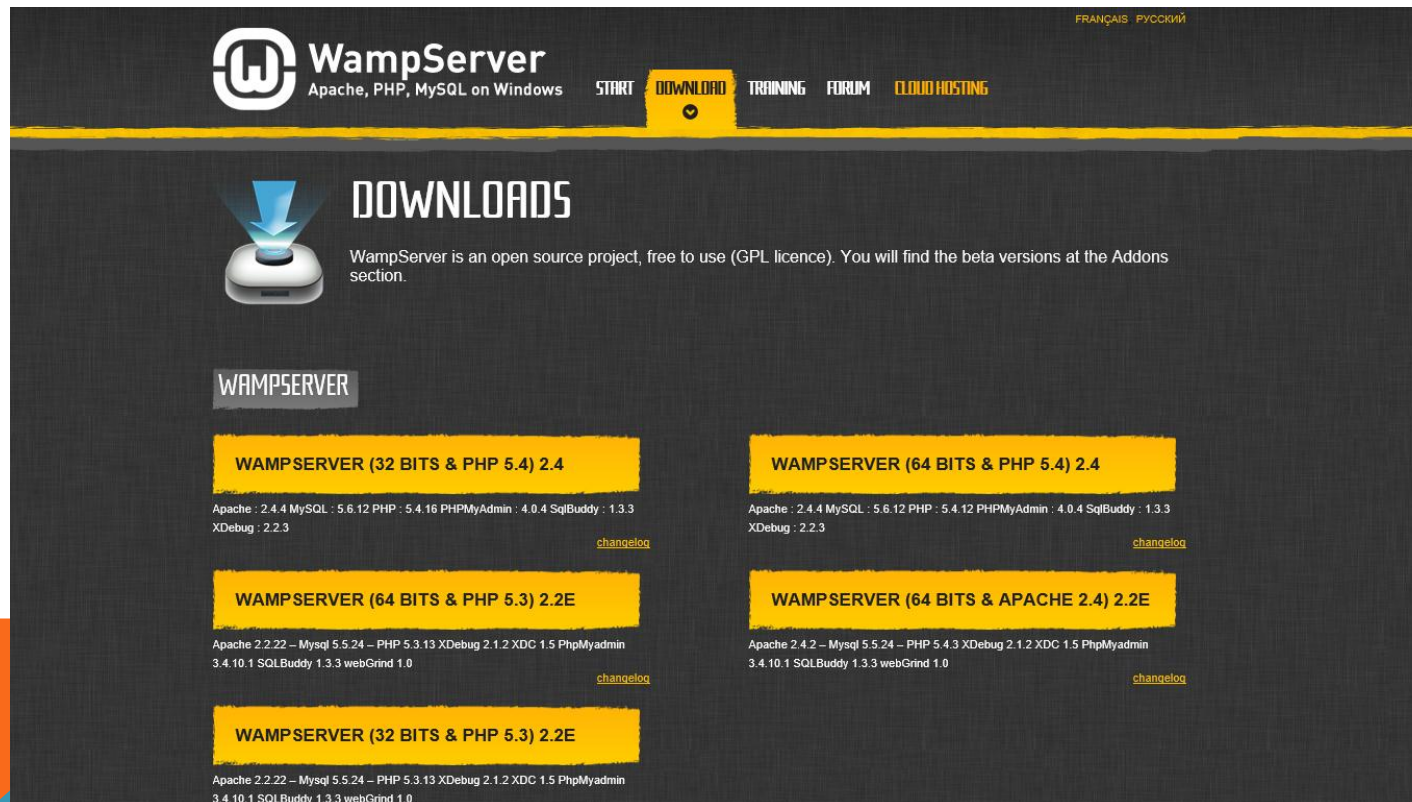
14:07:07 [mysql] Statusänderung erkannt: gestartet
14:07:08 [filezilla] Starte Dienst: FileZilla...
14:07:09 [filezilla] Statusänderung erkannt: gestartet
14:07:10 [mercury] Starte Programm: Mercury...
                    
```



*Semua file website yang dibangun disimpan didalam folder
C:\xampp\htdocs*



*Windows, Apache, MySQL, PHP –
Diperlukan untuk pembangunan website –*



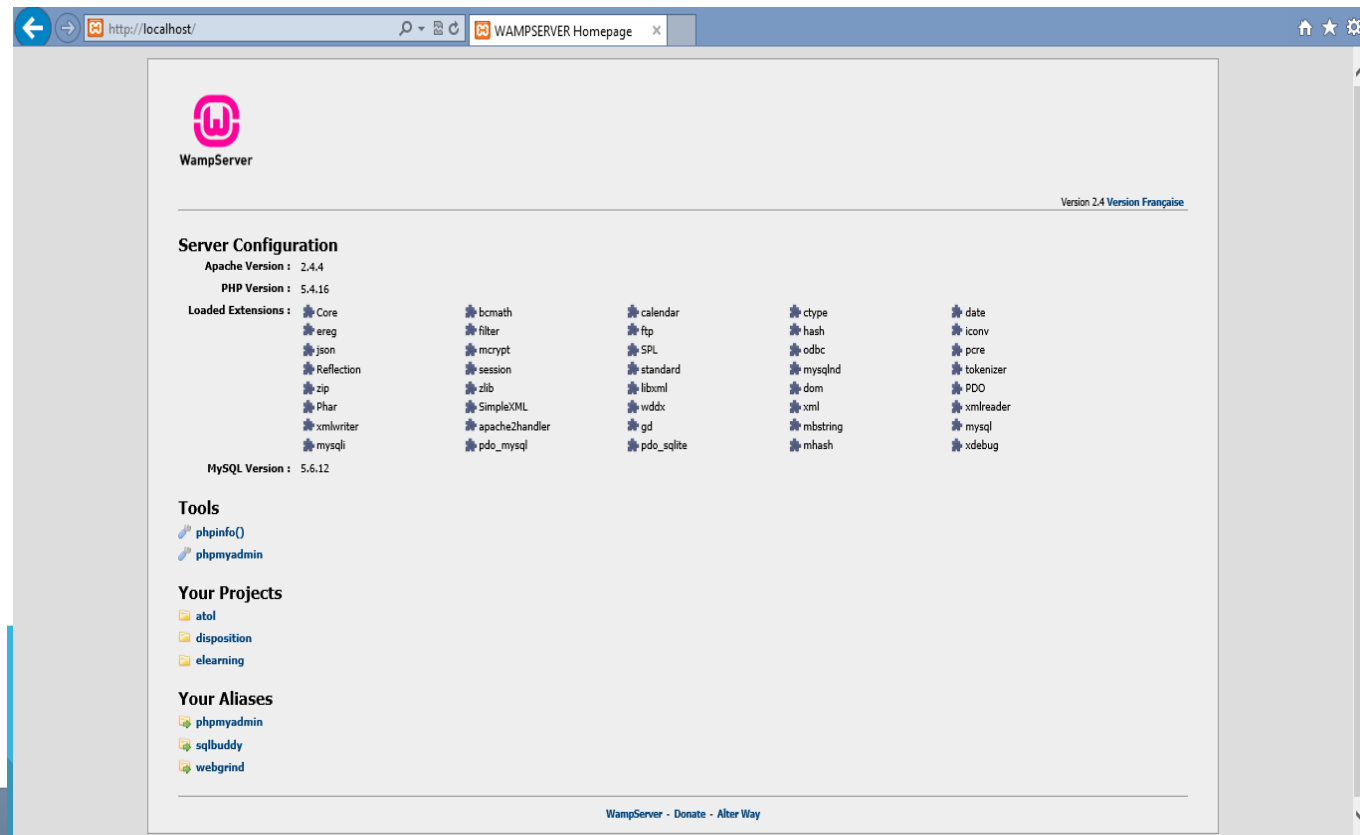
The screenshot shows the WampServer website's 'Downloads' page. At the top, there is a navigation menu with 'START', 'DOWNLOAD', 'TRAINING', 'FORUM', and 'CLOUD HOSTING'. The 'DOWNLOAD' button is highlighted in yellow. Below the navigation, the 'DOWNLOADS' section features a blue and white icon of a server with a light beam. The text states: 'WampServer is an open source project, free to use (GPL licence). You will find the beta versions at the Addons section.'

Below this, there are five download packages, each with a yellow header and a list of components:

- WAMP SERVER (32 BITS & PHP 5.4) 2.4**
Apache : 2.4.4 MySQL : 5.6.12 PHP : 5.4.16 PHPMyAdmin : 4.0.4 SqlBuddy : 1.3.3 XDebug : 2.2.3 [changelog](#)
- WAMP SERVER (64 BITS & PHP 5.4) 2.4**
Apache : 2.4.4 MySQL : 5.6.12 PHP : 5.4.12 PHPMyAdmin : 4.0.4 SqlBuddy : 1.3.3 XDebug : 2.2.3 [changelog](#)
- WAMP SERVER (64 BITS & PHP 5.3) 2.2E**
Apache 2.2.22 – Mysql 5.5.24 – PHP 5.3.13 XDebug 2.1.2 XDC 1.5 PhpMyadmin 3.4.10.1 SQLBuddy 1.3.3 webGrind 1.0 [changelog](#)
- WAMP SERVER (64 BITS & APACHE 2.4) 2.2E**
Apache 2.4.2 – Mysql 5.5.24 – PHP 5.4.3 XDebug 2.1.2 XDC 1.5 PhpMyadmin 3.4.10.1 SQLBuddy 1.3.3 webGrind 1.0 [changelog](#)
- WAMP SERVER (32 BITS & PHP 5.3) 2.2E**
Apache 2.2.22 – Mysql 5.5.24 – PHP 5.3.13 XDebug 2.1.2 XDC 1.5 PhpMyadmin 3.4.10.1 SQLBuddy 1.3.3 webGrind 1.0



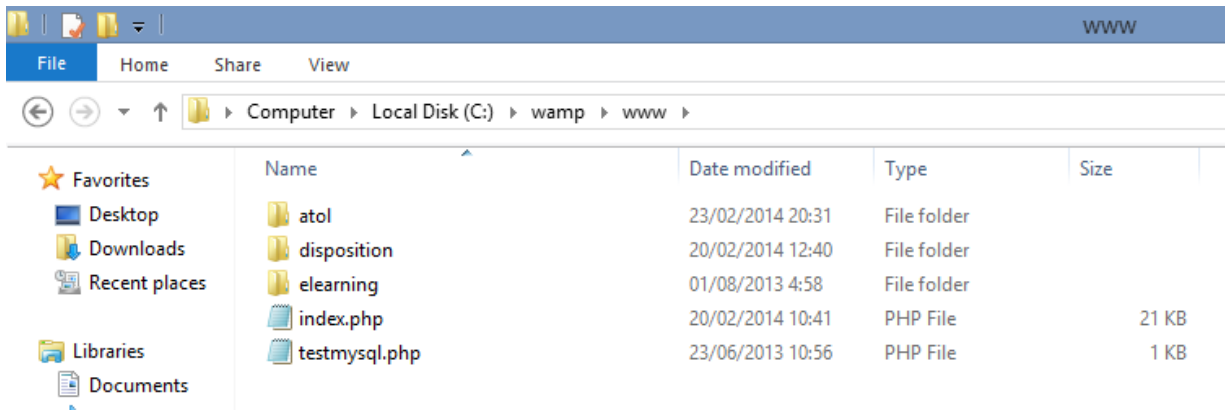
1. Buka Aplikasi WAMPSEVER
2. Setelah muncul try Icon, klik Localhost



The image shows a Windows desktop environment with the WAMP 2.4 application icon in the taskbar. A context menu is open over the icon, listing options such as Localhost, phpMyAdmin, www directory, Apache, PHP, MySQL, Debug, webGrind, and Quick Admin. The Quick Admin sub-menu is expanded, showing options to Start, Stop, Restart, or Put Online all services. In the background, a web browser window displays the WAMP 2.4 localhost page. The page features the WAMP logo, version information (2.4 French), and sections for Server Configuration (Apache 2.4.4, PHP 5.4.16, MySQL 5.6.12), Loaded Extensions, Tools (phpinfo(), phpmyadmin), Your Projects (atol, disposition, elearning), and Your Aliases (phpmyadmin, sqlbuddy, webgrind).

WAMP

*Semua file website yang dibangun disimpan didalam folder
C:\wamp\www*



Tools

- phpinfo()
- phpmyadmin

Your Projects

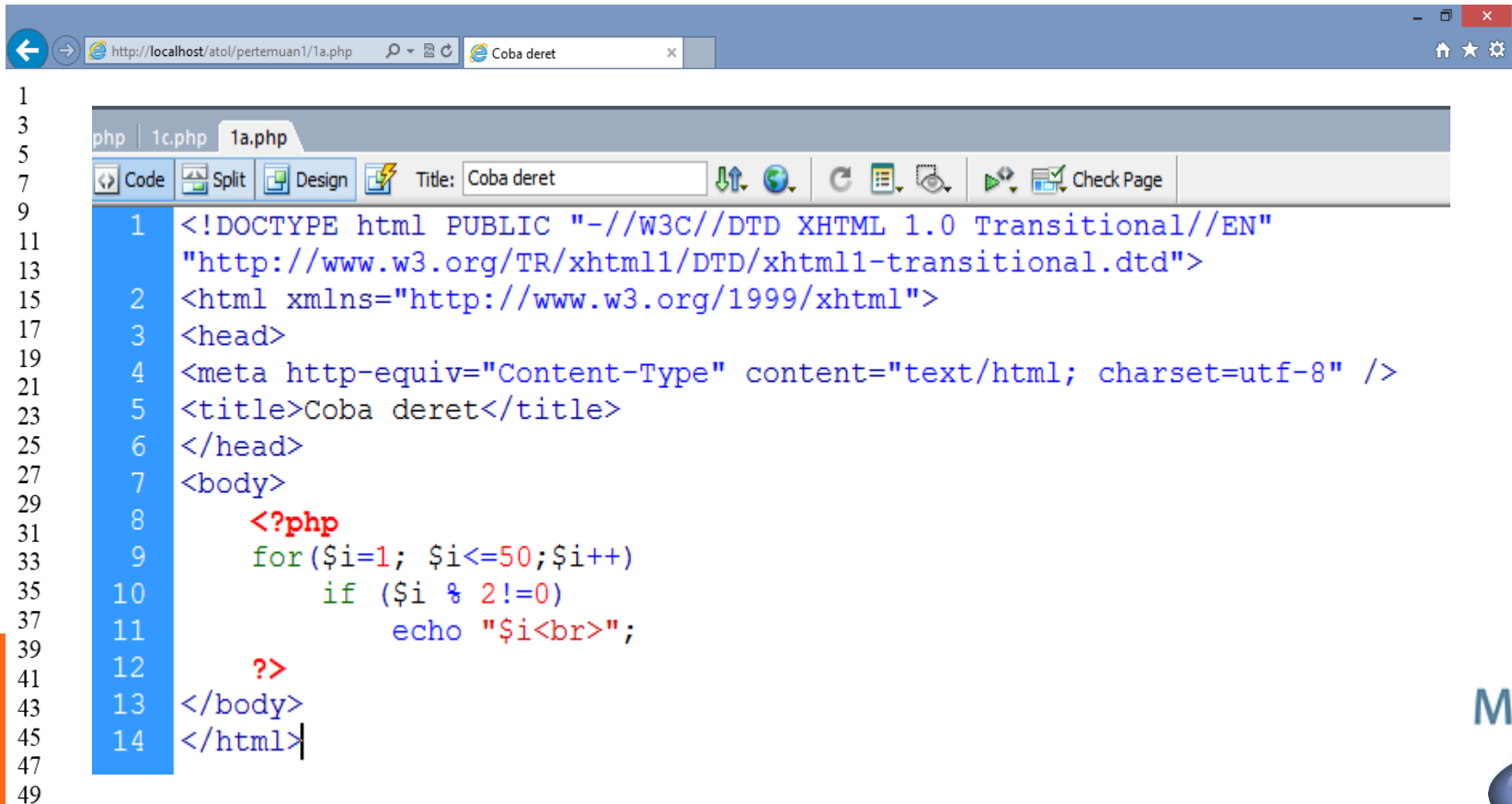
- atol
- disposition
- elearning



Let's Start The Problem

KASUS 1A

Buatkan halaman website yang menampilkan angka ganjil dari 1 sampai 50



The image shows a web browser window at the top with the address bar containing `http://localhost/atal/pertemuan1/1a.php` and a tab titled "Coba deret". Below the browser is a code editor window with a tab titled "1a.php". The code editor shows the following PHP code:

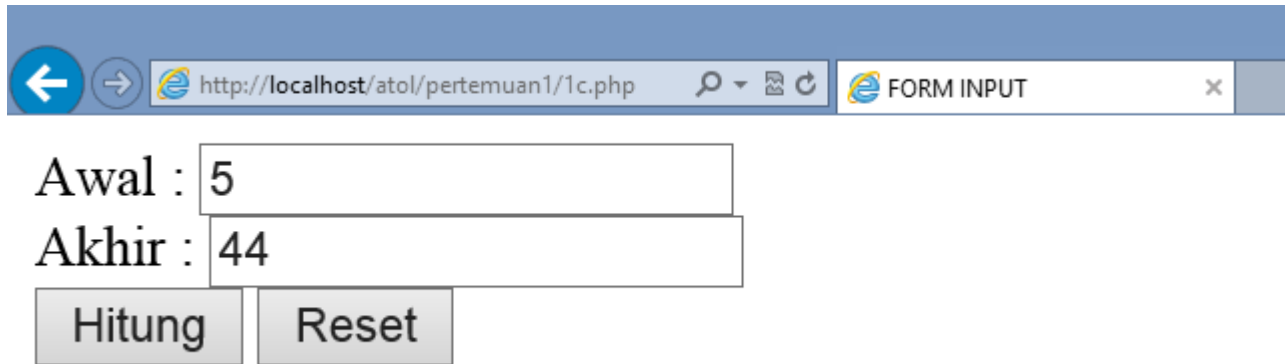
```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
3 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
5 <html xmlns="http://www.w3.org/1999/xhtml">
7 <head>
9 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
11 <title>Coba deret</title>
13 </head>
15 <body>
17     <?php
19         for($i=1; $i<=50;$i++)
21             if ($i % 2!=0)
23                 echo "$i<br>";
25     ?>
27 </body>
29 </html>
```



GET & POST

KASUS 1B

Buatkan halaman website yang menampilkan angka dengan nilai awal dan akhir diinputkan dari form. Apabila angka ganjil berwarna merah



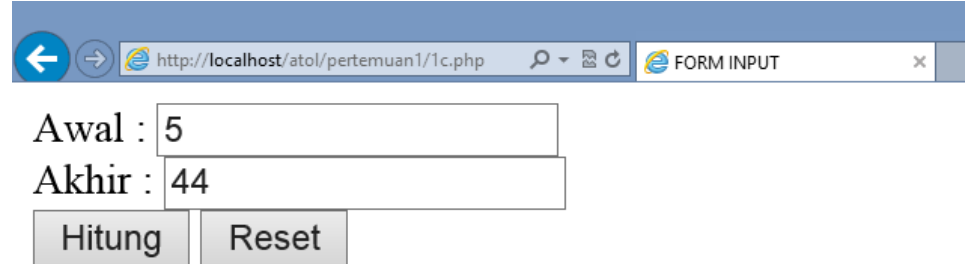
A screenshot of a web browser window. The address bar shows the URL `http://localhost/ atol/pertemuan1/1c.php`. The page title is "FORM INPUT". The form contains two input fields: "Awal : 5" and "Akhir : 44". Below the input fields are two buttons: "Hitung" and "Reset".



5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44



PENYELESAIAN KASUS 1B



Awal :

Akhir :

1c.php

```
1b.php 1c.php 1a.php
Code Split Design Title: FORM INPUT
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
2 <html xmlns="http://www.w3.org/1999/xhtml">
3 <head>
4 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
5 <title>FORM INPUT</title>
6 </head>
7
8 <body>
9     <form method="post" action="1b.php">
10     Awal : <input type="text" name="awal" /><br />
11     Akhir : <input type="text" name="akhir" /><br />
12     <input type="submit" value="Hitung" />
13     <input type="reset" value="Reset" />
14     </form>
15 </body>
16 </html>
```

PENYELESAIAN KASUS 1B



5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44

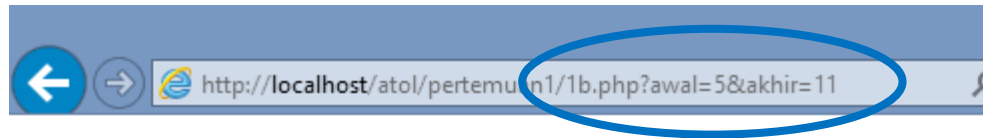
1b.php

```
1b.php 1c.php 1a.php
Code Split Design Title: Coba deret
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
2 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
3 <html xmlns="http://www.w3.org/1999/xhtml">
4 <head>
5 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
6 <title>Coba deret</title>
7 </head>
8 <body>
9     <?php
10     for($i=$_POST["awal"];$i<=$_POST["akhir"];$i++)
11     {
12         if ($i % 2!=0)
13             echo "<font color=red size=15> $i </font>";
14         else
15             echo "<font color=gren size=15> $i </font>";
16     }
17 </?>
18 </body>
19 </html>
```

POST & GET

1C.php

```
<form method= "post" action="1b.php">  
<form method= "get" action="1b.php">
```



5 6 7 8 9 10 11

1b.php

```
<?php  
for($i=$_POST["awal"];$i<=$_POST["akhir"];$i++)
```

```
<?php  
for($i=$_GET["awal"];$i<=$_GET["akhir"];$i++)
```

Preparing for Next Week

PELAJARI KEMBALI

- ***HTML***
- ***TABEL & FORM***
- ***STRUKTUR DATA DI C***

