

Pemrograman Web

2 SKS | Semester 5 | UNIKOM

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Lesson 1

Konsep Pemrograman Web

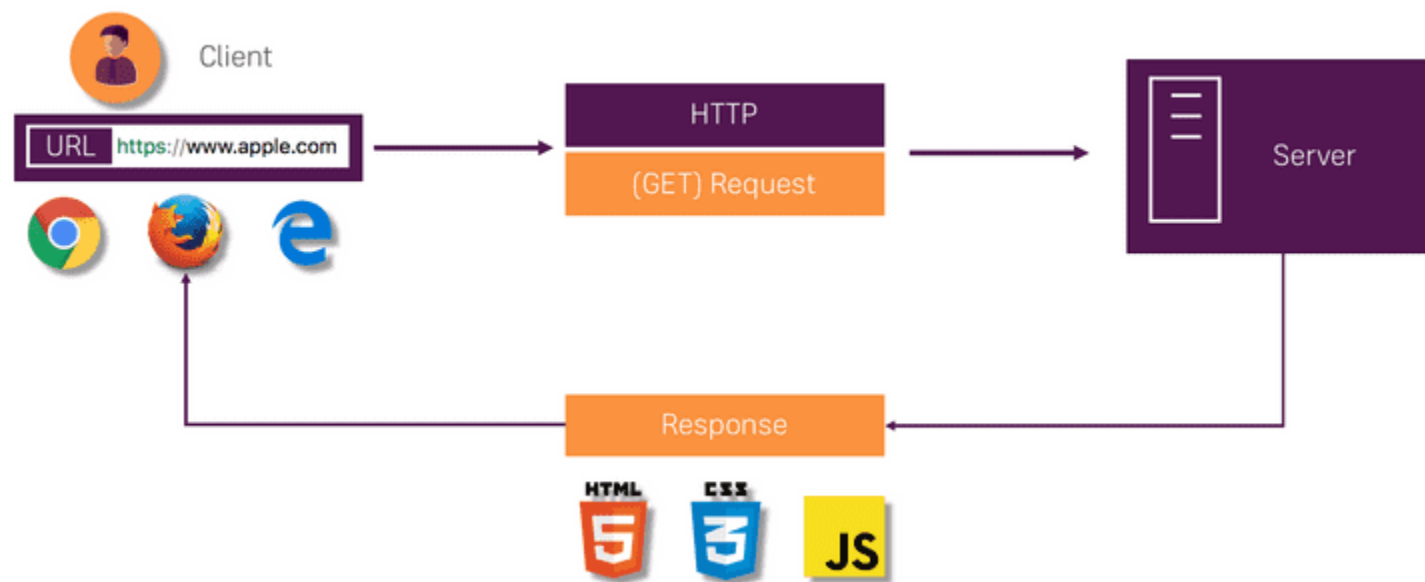
Pengenalan Pemrograman PHP



What is Web?



How does the web works?



SILABUS

- Konsep Pemrograman Web
- PHP : Variable, Constant, Data Type, Operator
- PHP Conditional & PHP Loops
- Array & Functions
- PHP Forms
- Structured Query Language (SQL)
- PHP & MySQL
- Session
- Upload File
- Hosting Domain





What is PHP?

- PHP is an acronym for "PHP: Hypertext Preprocessor"
- PHP is a widely-used, open source scripting language
- PHP scripts are executed on the server
- PHP is free to download and use





What is a PHP File?

- PHP files can contain text, HTML, CSS, JavaScript, and PHP code
- PHP code are executed on the server, and the result is returned to the browser as plain HTML
- PHP files have extension ".php"





What Can PHP Do?

- PHP can generate dynamic page content
- PHP can create, open, read, write, delete, and close files on the server
- PHP can collect form data
- PHP can send and receive cookies
- PHP can add, delete, modify data in your database
- PHP can be used to control user-access
- PHP can encrypt data





Why PHP?

- PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP supports a wide range of databases
- PHP is free. Download it from the official PHP resource: www.php.net
- PHP is easy to learn and runs efficiently on the server side





Set Up PHP on Your Own PC

However, if your server does not support PHP, you must:

- install a web server
- install PHP
- install a database, such as MySQL

The official PHP website (PHP.net) has installation instructions for PHP: <http://php.net/manual/en/install.php>

or Install XAMPP





What is XAMPP?

- XAMPP is the most popular PHP development environment
- XAMPP is a completely free, easy to install Apache distribution containing MySQL & PHP. The XAMPP open source package has been set up to be incredibly easy to install and to use.
- Download: <https://www.apachefriends.org/download.html>



PHP Syntax

```
<!DOCTYPE html>  
<html>  
<body>  
  
<h1>My first PHP page</h1>  
  
<?php  
echo "Hello!";  
?>  
  
</body>  
</html>
```

NEXT:

PHP : Variable, Constant, Data Type, Operator

