PHP Fundamental

Berkenalan dengan PHP



PHP

- PHP PHP: Hypertext Preprocessor
- Rasmus Lerdorf
- Open Source
- Server Side Script
- http://www.php.net

Zend

- Zend (Zeev Suraski, Andi Gutmans)
- http://www.zend.com



Kelebihan PHP

- File Upload
- HTTP Cookie
- Akses Database
- HTTP Authentification
- Regular Expression
- Akses File
- Error Handling
- Membuat file PDF
- Socket Programming



Web Server

- Apache (http://www.apache.org)
- IIS Internet Information System
- BadBlue

Web Browser

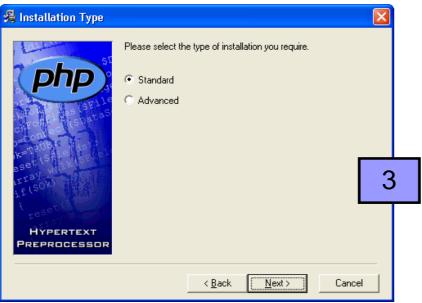
- IE Internet Explorer
- Mozilla Firefox
- Konqueror
- Safari

Editor

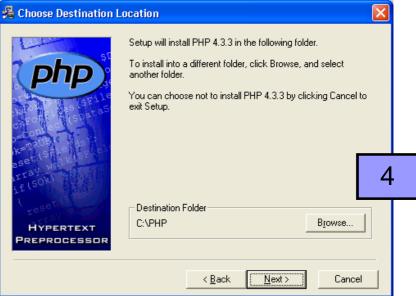
- Macromedia Dreamweaver, Front Page
- Notepad, Editplus, Kate, Kwrite

Instalasi PHP



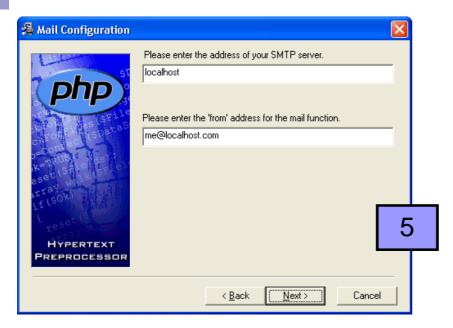


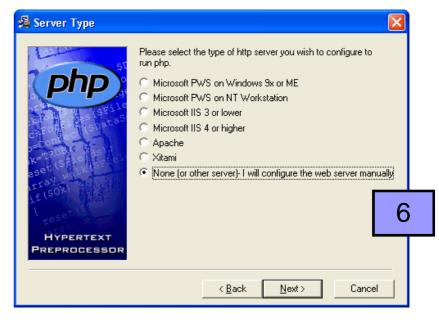


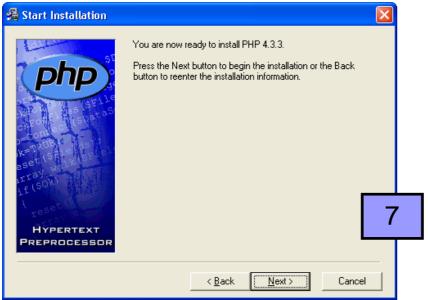


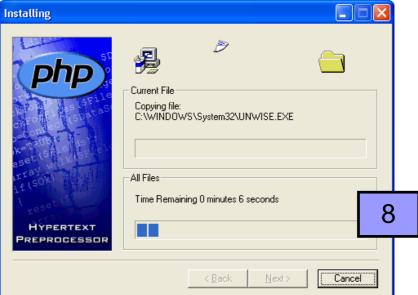
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Instalasi PHP







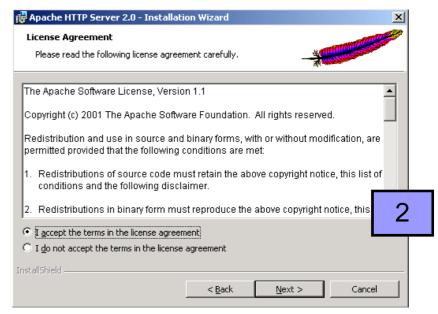


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Instalasi Apache

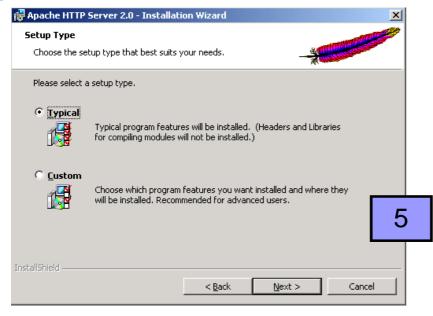


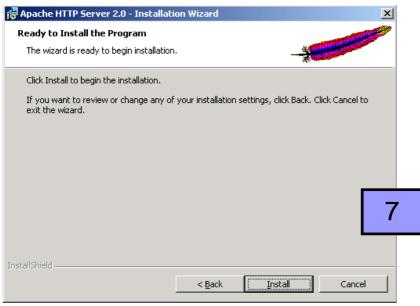


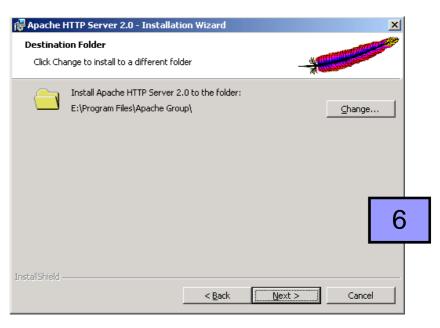


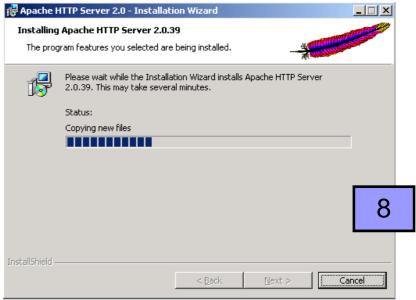


Instalasi Apache

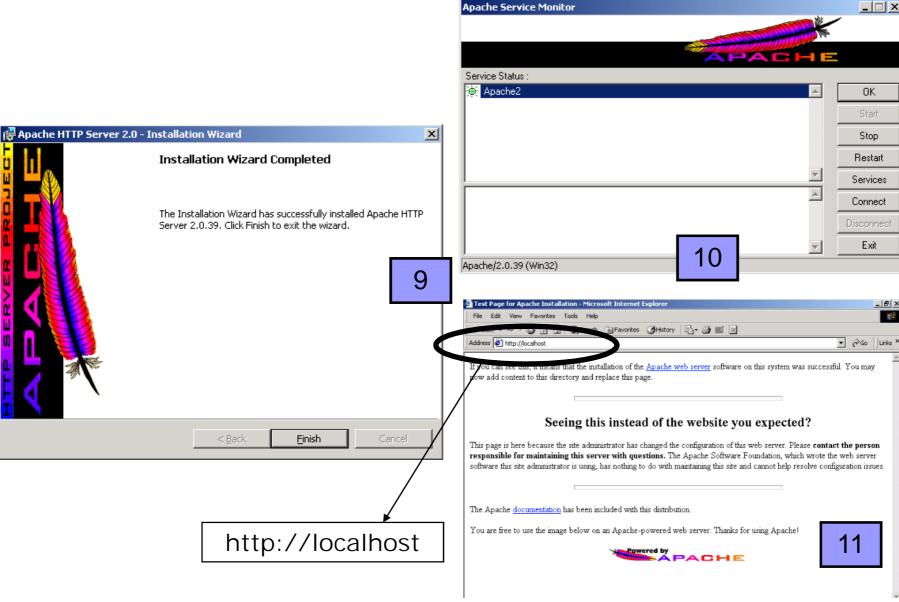








Instalasi Apache



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Konfigurasi Apache



Klik:

Start > Programs > Apache HTTP Server 2.0.39 > Configure Apache Server > Edit the httpd.conf

DocumentRoot

```
#
# DocumentRoot: The directory out of which you will serve your
# documents. By default, all requests are taken from this directory, but
# symbolic links and aliases may be used to point to other locations.
#
DocumentRoot "C:/Program Files/Apache Group/Apache2/htdocs"
```

DirectoryIndex

DirectoryIndex index.php index.htm index.html index.html.var

ScriptAlias

```
ScriptAlias /php4/ "c:/php/"
Action application/x-httpd-php4 "/php4/php.exe"
AddType application/x-httpd-php4 .php
AddType application/x-httpd-php4 .php3
```

Klik:

Start > Programs > Apache HTTP Server 2.0.39 > Control Apache Server > Restart



Tag PHP

```
<?php
    statement_php;
?>
```

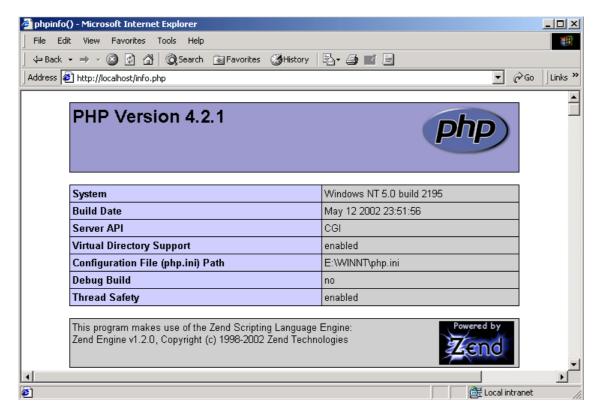
<?
 statement_php;
?>

- <script language="php">
 statement_php;
 </script>
- < <%
 statement_php;
 %>



info.php

```
<?php
   phpinfo();
?>
```



Tampilan info.php



Komentar

komentar.php

```
<?php
# echo "Hello"; komentar untuk 1 baris

// echo "Hello"; juga komentar untuk 1 baris

/* echo "hello"; nah yang ini untuk lebih
    echo "hello juga"; dari 1 baris komentar

*/
?>
```



Variabel

- Digunakan untuk menyimpan informasi
- Diawali oleh tanda \$ diikuti oleh nama variabel
- Panjangnya tidak terbatas
- Setelah tanda \$, diawali oleh huruf / garis bawah
- Case sensitive
- Tidak boleh ada spasi

variabel.php

```
<?php
    $nama="Rizky Tahara Shita";
    $angka="28";
    echo $nama."$angka";

?>
```



Tipe Data

- Integer
- Float
- String
- Array
- Object

tax.php

```
<?php
$gaji=1000000;
$pajak=0.1;
$thp=$gaji-($gaji*$pajak);
echo "Gaji sebelum pajak = Rp. $gaji <br>";
echo "Gaji yang dibawa pulang = Rp. $thp";
?>
```



Integer (bilangan bulat)

```
<?php
    $a = 1234; # decimal number
    $a = -123; # a negative number
    $a = 0123; # octal number (equivalent to 83 decimal)
    $a = 0x1A; # hexadecimal number (equivalent to 26 decimal)
?>
```

Float (bilangan pecahan)

```
<?php
    $a = 1.234;
    $a = 1.2e3;
    $a = 7E-10;
?>
```

String

```
<?php

$var = "tahara";  #variabel $var bertipe string

echo "nama saya $var";  #menghasilkan output: nama saya tahara

echo 'nama saya $var';  #menghasilkan output: nama saya $var

?>
```



☐ Escaped Characters

Sequences	Arti
\n	Newline (baris baru)
\r	Carriage return
\t	Horizontal tab
\\	Backslash
\\$	Tanda dollar
\"	Tanda kutip ganda
\'	Tanda kutip tunggal

```
<?php
   echo 'Hari ini hari jum\'at';
?>
```



Array

```
<?php
                                      #$a merupakan array skalar
  $a[0]="IndexKe0";
  $b["ke0"]=7;
                                      #$b merupakan array assosiatif
  $a[]="IndexKe1";
                                      #$a[1]="IndexKe1"
  echo "Nilai a[0]=$a[0]<br>
        Nilai b[\"ke0\"]=".$b["ke0"]."<br>
        Nilai a[1]=$a[1]";
  $c[1][0]="Array2Dimensi"; #array 2 dimensi
  echo "Nilai c[1][0]=$c[1][0]";
  $d[0][0][0][0]=0;
                                     #array 4 dimensi
  #mengisi array dengan menggunakan fungsi array()
  $a["name"]="melon";
  $a["taste"]="sweet";
  echo $a["taste"]." ".$a["name"];
```



Array (lanjutan)

```
#hal ini akan sama jika Anda menuliskannya sebagai berikut:
  $a=array(
         "name" => "melon",
        "taste" => "sweet"
  );
  echo $a["taste"]." ".$a["name"];
  #
  #mengisi array multidimensi dengan fungsi array()
  $a=array(
         "melon" => array("taste" => "sweet"),
         "apple" => array("taste" => "not sweet")
  );
  echo $a["apple"]["taste"];#output: not sweet
?>
```



Object

Konstanta

define("variabel", "nilai");

```
<?php
    define("pi", "3.14");
    $jari_jari=10;
    $luas_ling=pi*$jari_jari*$jari_jari;
    echo "Jari-jari Lingkaran = $jari_jari<br>Luas Lingkaran =$luas_ling";
?>
```



Fungsi isset(), unset(), empty()

- isset(), digunakan untuk memeriksa apakah sebuah variabel sudah dicreate/belum, akan menghasilkan nilai 1 jika benar dan tidak mengembalikan apa-apa jika salah.
- unset(), digunakan untuk menghapus sebuah variabel beserta isinya.
- empty(), digunakan untuk memeriksa sebuah variabel, akan menghasilkan nilai 1 jika variabel tidak ada / variabel=0 atau "" dan tidak mengembalikan apa-apa jika variabel tsb ada.

sets.php

```
<?php
    $x=5;
    $email="rizky.tahara@gmail.com";
    echo "Isi variabel x= $x <br>";
    unset($x);
    echo "Isi variabel x setelah unset = $x <br>";

echo "Email = " .empty($email). "<br>";
    echo "Website = " .empty($url);
?>
```



Operator

- Aritmatika
 - Untuk perhitungan matematika
- Bitwise
 - □ Untuk membandingkan operan sebagai bilangan biner (0 atau 1)
- Pembanding
 - Untuk mengembalikan nilai dalam bentuk true atau false
- Penambahan/Pengurangan terstruktur
 - Untuk penambahan/pengurangan secara teratur
- Logika
 - Untuk melakukan perbandingan logic



Aritmatika

Operator	Operasi	Contoh
+	Penjumlahan	\$a + \$b
-	Pengurangan	\$a - \$b
*	Perkalian	\$a * \$b
/	Pembagian	\$a / \$b
%	Modulus (sisa pembagian)	\$a % \$b

Bitwise

Operator	Operasi	Contoh
&	And	\$a & \$b
	Or	\$a \$b
^	XOR	\$a ^ \$b
~	Not	~\$a
<<	Geser bit ke kiri	\$a << \$b
>>	Geser bit ke kanan	\$a >> \$b



Pembanding

Operator	Operasi	Contoh
==	Sama	\$a == \$b
===	Identik	\$a === \$b
!=	Tidak sama	\$a != \$b
!==	Tidak identik	\$a !== \$b
<	Lebih kecil	\$a < \$b
>	Lebih besar	\$a > \$b
<=	Lebih kecil atau sama dengan	\$a <= \$b
>=	Lebih besar atau sama dengan	\$a >= \$b

Penambahan/Pengurangan terstruktur

Operator	Operasi	
++\$a	Pre Increment	
\$a++	Post Increment	
\$a	Pre Decrement	
\$a	Post Decrement	



Logika

Operator	Operasi	Contoh
and	Benar, jika keduanya bernilai benar	\$a and \$b
&&		\$a && \$b
or	Benar, jika salah satu bernilai benar	\$a or \$b
		\$a \$b
xor	Benar, jika salah satu bernilai benar, tapi bernilai salah jika keduanya bernilai benar	\$a xor \$b
ļ.	Benar jika pernyataan salah	!\$a



Statement Kendali

- Pengandaian
 - □ If
 - □ Switch
- Perulangan
 - □ Do
 - □ While
 - □ For
 - □ List & Each
 - Foreach



IF

```
if (expresi) {
    statement_if;
} elseif (expresi) {
    statement_elseif;
} else {
    statement_else;
}
```

```
<?php
$a=3; $b=1;
if($a > $b){
    echo "a lebih besar dari b <br>;
}
?>
```

```
<?php
$a=2; $b=10;
if($a > $b){
    echo "a lebih besar dari b";
}else{
    echo "b lebih besar dari a";
}
?>
```



SWITCH

```
switch(expresi){
   case kasus1:
         statement_kasus1;
         break;
   case kasus2:
         statement_kasus2;
         break;
   default:
         statement_default;
         break;
```

```
<?php
$a=1;
switch($a){
    case 1:
          echo "satu";
          break;
    case 2:
          echo "dua";
          break;
    case 3:
          echo "tiga";
          break;
    default:
          echo "> 3";
          break;
?>
```



DO

```
do{
    statement_do;
    ...
}while(expresi);
```

```
<?php
    $i=1;
    do{
        echo "$i<br>";
        $i++;
    } while($i<=10);
?>
```

```
<?php
    $i=1;
    do{
        echo "$i<br>";
        $i++;
    } while($i<1);
?>
```



WHILE

```
while (expresi) {
    statement_while;
    ...
}
```

```
<?php
    $i=1;
    while($i<=10){
        echo "$i<br>";
        $i++;
    }
?>
```

```
<?php
    $i=1;
    while($i<1){
        echo "$i<br>";
        $i++;
    }
?>
```



FOR

```
for (nilai_awal, nilai_akhir, perhitungan_aritmatik) {
    statement_for;
    ...
}
```

```
<?php
    for($i=1; $i<=10; $i++){
        echo $i."<br>";
    }
?>
```



LIST & EACH

list([index_value] [, element_contents]) = each(arrayname));

```
<?php
  $fak=array("FTI","FE","FISIP",
    "FT","ASTRI");

while(list($index,$isi)=each($fak)){
    echo "$index $isi<br>";
}
?>
```

```
<?php

$fak=array("FTI","FE","FISIP",
    "FT","ASTRI");

while(list($index)=each($fak)){
    echo "$index<br>";
}
?>
```

```
<?php
  $fak=array("FTI","FE","FISIP",
        "FT","ASTRI");

while(list(,$isi)=each($fak)){
    echo "$isi<br>";
}
?>
```



FOREACH

```
foreach ($arrayname as [$index =>] $arrayitem) {
    statement_foreach;
}
```



Penyisipan File

- require(file_name)
- require_once(file_name)
- include(file_name)

```
<?php
//incl.php
$x=10;
?>
```

```
<?php
//inc2.php
include "inc1.php";
$y=$x+5;
echo $y;
?>
```

```
<?php
require "inc3.php";
$y=$xx+5;
echo $y;
?>
```

```
<?php
include "inc3.php";
$y=$xx+5;
echo $y;
?>
```

Include akan mengasilkan Warning, sedangkan require akan menghasilkan Fatal Error



Function

```
function nm_fungsi (parameter1, parameter2, ...){
    statement_fungsi;
    ...
    return $nilai_return;
}
```

Jenis Fungsi pada PHP

- Function passing by value
- Function passing by reference
- Function passing by default



Function passing by value

```
function nm_fungsi (parameter1, parameter2, ...){
    statement_fungsi;
    ...
    return $nilai_return;
}
```

fvalue.php

```
<?php
  function hitung($harga){
    return $harga=$harga-(0.1*$harga);
}
  $harga=5000;
echo (hitung($harga));
echo "<br>";
echo $harga;
?>
```



Function passing by reference

```
function nm_fungsi (&parameter1, &parameter2, ...){
    statement_fungsi;
    ...
    return $nilai_return;
}
```

fref.php

```
    function hitung(&$harga){
        return $harga=$harga-(0.1*$harga);
    }
    $harga=5000;
    echo (hitung($harga));
    echo "<br/>echo $harga;

?>
```

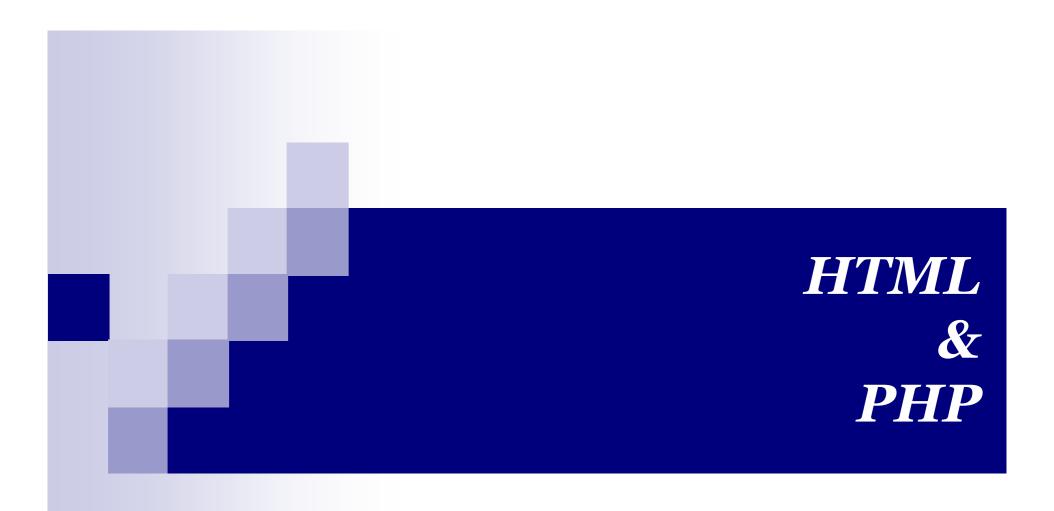


Function passing by default

```
function nm_fungsi (parameter1=nilai1, parameter2=nilai2, ...){
    statement_fungsi;
    ...
    return $nilai_return;
}
```

fdef.php

```
<?php
    function hitung($harga=1000){
        return $harga=$harga-(0.1*$harga);
    }
    echo (hitung());
    echo "<br>    echo (hitung(3000));
```





PHP SuperGlobals Variables

- \$GLOBALS
- \$_SERVER
- \$_GET
- \$_POST
- \$_COOKIE
- \$_FILES
- \$_ENV
- \$_REQUEST
- \$_SESSION



\$_REQUEST

```
$_REQUEST['nm_variabel'];
```

request1.php

```
<?php
   if(isset($_REQUEST['btnkirim'])){
           switch($_REQUEST['txtangka']){
                    case "1": echo "satu"; break;
                    case "2": echo "dua"; break;
                    default: echo "angka"; break;
?>
<html>
<head></head>
<body>
   <form name="myform" method="post">
          Angka: <input type="text" name="txtangka"><br>
          <input type="submit" name="btnkirim" value="Kirim">
   </form>
</body>
</html>
```



request2a.php

```
<html>
<head></head>
<body>

<form name="myform" method="post" action="request2b.php">

Angka: <input type="text" name="txtangka"><br>
<input type="submit" name="btnkirim" value="Kirim">

</form>
</body>
</html>
```

request2b.php



tebak.htm

```
<html>
<head>
<title>Tebak Angka</title>
</head>
<body>
<form method="post" action="tebak.php">

Tebak angka yang ada di pikiran saya sekarang (1-20):
    <input type="text" name="angka"><br>
        <input type="submit">
        </form>
</body>
</html>
```



tebak.php

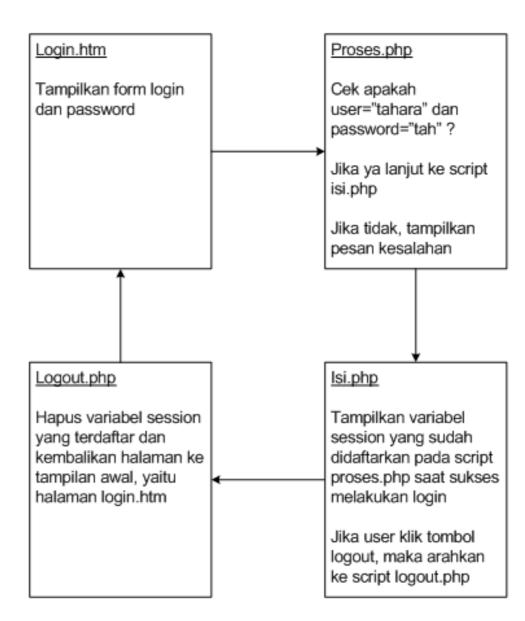
```
$acak=rand(1,20);
if($_REQUEST['angka'] > $acak){
   echo "Tebakan anda terlalu tinggi, yang ada dipikiran saya $acak";
}
if($_REQUEST['angka'] < $acak){
   echo "Tebakan anda terlalu rendah, yang ada dipikiran saya $acak";
}
if($_REQUEST['angka'] == $acak){
   echo "Tebakan anda benar, yang ada dipikiran saya $acak";
}
?>
```





\$_SESSION

```
$_SESSION['nm_variabel'];
session_start();
session_destroy();
```





login.htm

```
<html>
<head></head>
<body>

<form name="myform" method="post" action="proses.php">

Login: <input type="text" name="txtlogin"><br>
Password: <input type="password" name="txtpass"><br>
<input type="submit" name="btnlogin" value="Login">
</form>
</body>
</html>
```



proses.php



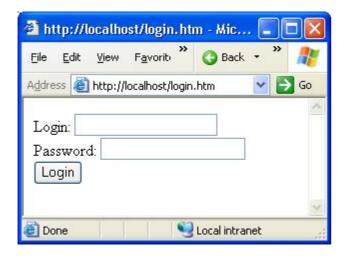
isi.php

```
<?php
session start();
if(!isset($_SESSION['sesnama']) || (isset($_SESSION['sesnama'])
   && $_SESSION['sesnama']!="tahara"))
header("Location: logout.php");
?>
<html>
<head></head>
<body>
   <form name="myform" method="post" action="logout.php">
          User: <?php echo $_SESSION['sesnama']; ?> <br>
          Password: <?php echo $_SESSION['password']; ?> <br><br>
          <input type="submit" name="btnlogout" value="Logout">
    </form>
</body>
</html>
```

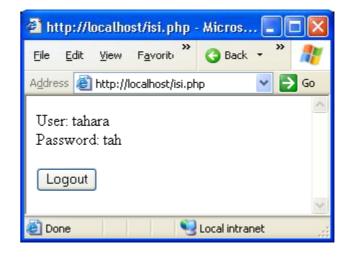


logout.php

```
<?php
    session_start();
    session_destroy();
    header("Location: login.htm");
?>
```



Tampilan login.htm



Tampilan isi.php

MySQL Database Server

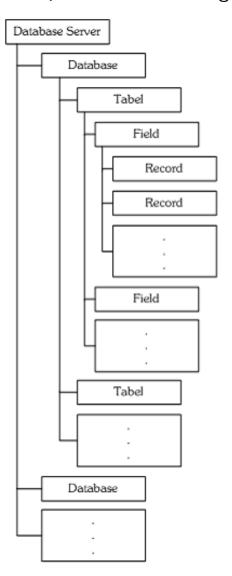


MySQL

- MySQL Database Server
- Menyimpan data
- Open Source
- http://www.mysql.com



DBMS (Database Management Systems)

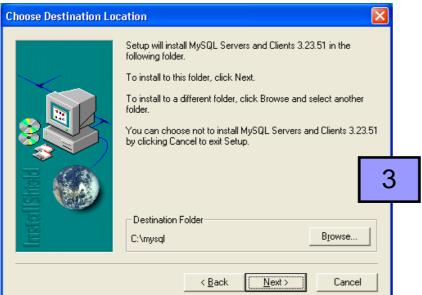


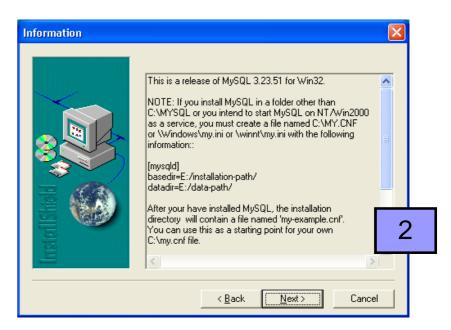
```
Open file
While not(EOF)
Do

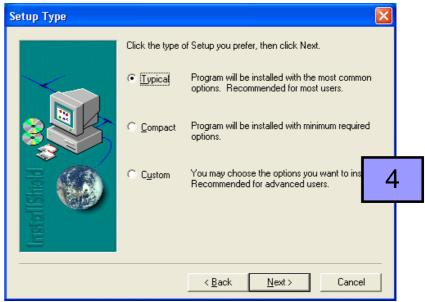
Lock record
Read record
If expression=value
Write record
Unlock record
End
Close file
```

```
Update nama-tabel
Set nama-kolom=nilai-baru
Where nama-kolom=nilai
```

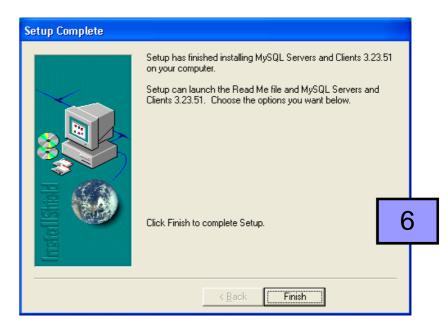


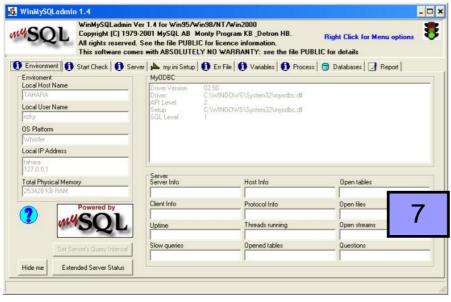










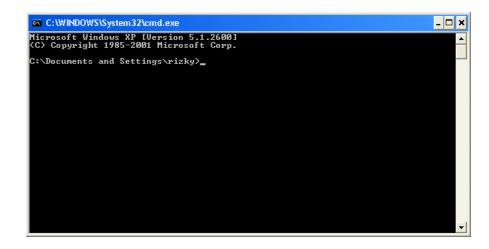






Menjalankan MySQL

- Klik Start > Run
- Ketik cmd
- Tekan Enter



- Ketik:
 - □ cd \
 - □ cd c:\mysql\bin
 - □ mysql –h localhost –u root –p

```
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\bl>cd "c:\Program Files\MySQL\MySQL Server 4.1\bin\"

C:\Program Files\MySQL\MySQL Server 4.1\bin\mysql -h localhost -u root -p
Enter password: ****
Welcome to the MySQL monitor. Commands end with; or \g.
Your MySQL connection id is 4 to server version: 4.1.21-community-nt

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysq1> ______
```



Tipe Data MySQL

Numerik	
TYPE	JANGKAUAN/FORMAT
INT	-2^{31} s/d 2^{31} -1 atau 0 s/d 2^{32} -1
TINYINT	-2^{7} s/d 2^{7} -1 atau 0 s/d 2^{8} -1
SMALLINT	-2^{15} s/d 2^{15} -1 atau 0 s/d 2^{8} -1
MEDIUMINT	-2^{23} s/d 2^{23} -1 atau 0 s/d 2^{24} -1
BIGINT	-2^{63} s/d 2^{63} -1 atau 0 s/d 2^{64} -1
FLOAT	Minimum Non Zero $+-1.176x10^{38}$
	Maximum Non Zero $+-3.403x10^{+38}$
DOUBLE	Minimum Non Zero $+-2.225 \times 10^{308}$
	Maximum Non Zero $+-1.798 \times 10^{+308}$
DECIMAL	Sama dengan double

Date/Time		
JANGKAUAN/FORMAT		
YYYY-MM-DD 1000-01-01 s/d 9999-12-31		
YYYY-MM-DD hh:mm:ss 1000-01-01 00:00:00		
s/d 9999-12-31 23:59:59		
YYYYMMDDhhmmss 19700101000000 s/d 2037		
hh:mm:ss -838:59:59 s/d 838:59:59		
YYYY 1900 s/d 2155		
•		

String	
TYPE	JANGKAUAN/FORMAT
CHAR	0-255 Karakter
VARCHAR	0-255 Karakter
BLOB	binary 0-65535 bytes
TINYBLOB	binary 0-255 bytes
MEDIUMBLOB	binary 0-16777215 bytes
LONGBLOB	binary 0-4294967295 bytes
TEXT	0-65535 bytes
TINYTEXT	0-255 bytes
MEDIUMTEXT	0-16777215 bytes
LONGTEXT	0-4294967295 bytes
ENUM	1 dari set list
SET	>=0 dari set list



Perintah – perintah Query MySQL

show databases; #menampilkan database yg sudah ada
 use nm_dbase; #mengaktifkan database nm_dbase
 show tables; #menampilkan tabel dari database
 desc nm_tabel; #menampilkan struktur tabel
 flush privileges; #me-refresh options MySQL
 exit; #keluar dari konsole MySQL

SQL (Structured Query Language)

- DDL (Data Definition Language)
 - Untuk mengatur hubungan database dan struktur tabel
- DML (Data Manipulation Language)
 - Untuk mendapatkan data/record dari tabel tabel yang ada.



DDL (Data Definition Language)

CREATE

```
CREATE DATABASE [IF NOT EXISTS] db_name
```

```
CREATE [TEMPORARY] TABLE [IF NOT EXISTS] tbl_name [(create_definition,...)] [table_options] [select_statement]
```

```
mysql>create database perpus;
```

```
mysql>show databases;
+-----+
| Database |
+-----+
| mysql |
| perpus |
| test |
+-----+
3 rows in set (0.02 sec)
```

mysql>use perpus;

```
mysql> CREATE TABLE `anggota` (
  `no_ang` tinyint(3) unsigned NOT NULL,
 `nm_ang` varchar(50),
  PRIMARY KEY (`no_ang`)
) TYPE=MyISAM;
mysql> CREATE TABLE `buku` (
  `kd_bk` tinyint(3) unsigned NOT NULL,
  `nm_bl` varchar(50),
  PRIMARY KEY (`kd_bk`)
) TYPE=MyISAM;
mysql> CREATE TABLE `trans` (
  `no_ang` tinyint(3) unsigned NOT NULL default '0',
  `kd_bk` tinyint(3) unsigned NOT NULL default '0',
  `tgl_trans` date default NULL,
  PRIMARY KEY (`no_ang`, `kd_bk`)
) TYPE=MyISAM;
```





- DDL (Data Definition Language)
 - DROP

```
DROP DATABASE [IF EXISTS] db_name
```

DROP TABLE [IF EXISTS] tbl_name [, tbl_name,...]

```
mysql>drop table `trans`;
mysql>show databases;
+-----+
| Database |
+-----+
| mysql |
| test |
+-----+
3 rows in set (0.02 sec)
```



- DDL (Data Definition Language)
 - ALTER

ALTER [IGNORE] TABLE tbl_name alter_spec [, alter_spec ...]

Parameter alter_spec dapat berisi:

- MODIFY
- CHANGE
- DROP

```
mysql>ALTER TABLE `buku` CHANGE `nm_bl` `nm_bk` VARCHAR(50);
```



DML (Data Manipulation Language)

INSERT

```
INSERT [INTO] tbl_name [(col_name,...)] VALUES (expression,...),(...),...
```

```
mysql>INSERT INTO `anggota` (`no_ang`, `nm_ang`) VALUES("1", "rizky");
mysql>INSERT INTO `anggota` (`no_ang`, `nm_ang`) VALUES("2", "tahara");
mysql>INSERT INTO `anggota` (`no_ang`, `nm_ang`) VALUES("3", "shita");

mysql>INSERT INTO `buku` (`kd_bk`, `nm_bk`) VALUES("11", "php");
mysql>INSERT INTO `buku` (`kd_bk`, `nm_bk`) VALUES("22", "mysql");
mysql>INSERT INTO `buku` (`kd_bk`, `nm_bk`) VALUES("33", "phpadodb");

mysql>INSERT INTO `trans` (`no_ang`, `kd_bk`, `tgl_trans`) VALUES("1", "11", "2003-08-01");
mysql>INSERT INTO `trans` (`no_ang`, `kd_bk`, `tgl_trans`) VALUES("3", "22", "2003-08-02");
```



- DML (Data Manipulation Language)
 - SELECT

```
SELECT [STRAIGHT_JOIN] [SQL_SMALL_RESULT] [SQL_BIG_RESULT] [SQL_BUFFER_RESULT]

[HIGH_PRIORITY]

[DISTINCT | DISTINCTROW | ALL]

select_expression,...

[INTO {OUTFILE | DUMPFILE} 'file_name' export_options]

[FROM table_references

[WHERE where_definition]

[GROUP BY {unsigned_integer | col_name | formula} [ASC | DESC], ...]

[HAVING where_definition]

[ORDER BY {unsigned_integer | col_name | formula} [ASC | DESC] ,...]

[LIMIT [offset,] rows]

[PROCEDURE procedure_name]

[FOR UPDATE | LOCK IN SHARE MODE]]
```

```
mysql> SELECT * FROM anggota;
+----+
no_ang | nm_ang |
   1 | rizky
     2 tahara
     3 shita
+----+
3 rows in set (0.01 sec)
mysql> SELECT * FROM anggota WHERE no_ang="1";
no_ang | nm_ang |
+----+
   1 | rizky
+----+
1 row in set (0.02 sec)
mysql> SELECT tgl_trans, nm_bk
   -> FROM buku, trans
   -> WHERE buku.kd bk=trans.kd bk and buku.kd bk="22";
+----+
| tgl_trans | nm_bk |
| 2003-08-02 | mysql |
+----+
1 row in set (0.04 sec)
```



DML (Data Manipulation Language)

UPDATE

```
UPDATE [LOW_PRIORITY] [IGNORE] tbl_name
SET col_name1=expr1, [col_name2=expr2, ...]
[WHERE where_definition]
[LIMIT #]
```

```
mysql>UPDATE anggota SET nm_ang= 'rizkys' WHERE no_ang=1;

mysql>SELECT * FROM anggota;
+-----+
| no_ang | nm_ang |
+-----+
| 1 | rizkys |
| 2 | tahara |
| 3 | shita |
+-----+
3 rows in set (0.00 sec)
```



- DML (Data Manipulation Language)
 - DELETE

```
DELETE [LOW_PRIORITY]
FROM tbl_name
[WHERE where_definition]
[LIMIT rows]
```

```
mysql> DELETE FROM anggota WHERE no_ang=2;

mysql> SELECT * FROM anggota;
+-----+
| no_ang | nm_ang |
+-----+
| 1 | rizkys |
| 3 | shita |
+-----+
2 rows in set (0.00 sec)
```

mysql> DELETE FROM anggota

HTML, PHP & MySQL



Konektivitas HTML, PHP dan MySQL

Fungsi - fungsi koneksi PHP dan MySQL:

```
mysql_connect();
        Melakukan koneksi dengan MySQL
    mysql_close();
Menutup koneksi dengan MySQL
    mysql_select_db();
       Memilih database
    mysql_query();
        Menjalankan perintah query SQL
    mysql_num_rows();
        Mendapatkan jumlah baris hasil perintah query SQL
    mysql_fetch_row();
        Mengambil hasil query dalam bentuk index field
    mysql_fetch_array();
        Mengambil hasil query dalam bentuk array nama field
```



Menampilkan data

view.php

```
<html>
<head>
 <title>Menampilkan Data</title>
</head>
<body>
<?php
$db = mysql_connect("localhost", "tah", "tah_pass");
mysql_select_db("perpus");
$result = mysql_query("SELECT * FROM anggota");
echo "";
echo "No.AnggotaNama Anggota";
while($baris=mysql_fetch_row($result)){
  echo "$baris[0]$baris[1]";
echo "";
?>
</body>
</html>
```



Meng-input data

input data.htm

```
<html>
<head>
<title>Input Data</title>
</head>
<body>
<form method="post" action="input.php">

    No.Anggota:<input type="Text" name="vno_angg"><br>
    Nama:<input type="Text" name="vnm_angg"><br>
    <input type="Text" name="vnm_angg"><br>
    <input type="Submit" name="btninput" value="Enter information">
</form>
</body>
</html>
```



Meng-input data

input.php

```
<?php
if(isset($_REQUEST['btninput']) && $_REQUEST['btninput']=="Enter information"){
$id=mysql_connect("localhost","tah","tah_pass");
mysql_select_db("perpus");
$vno_angg=$_REQUEST['vno_angg'];
$vnm_angg=$_REQUEST['vnm_angg'];
$query="insert into anggota values ('$vno_angg', '$vnm_angg')";
$result=mysql_query($query);
    if($result)
        echo "Data anda sudah masuk kedalam database";
    else
        echo "Data anda tidak dapat masuk kedalam database";
}
}
?>
```



edit.php

```
<html>
<head>
 <title>Edit Data</title>
</head>
<body>
<?php
$db = mysql_connect("localhost", "tah", "tah_pass");
mysql select db("perpus");
$result = mysql_query("SELECT * FROM anggota");
echo "";
echo "No.AnggotaNama Anggota";
while($baris=mysql_fetch_row($result)){
  echo "$baris[0]$baris[1]
       <a href='ubah.php?var=$baris[0]'>Edit</a>
       <a href='hapus.php?var=$baris[0]'>Hapus</a>
       ";
echo "";
?>
</body>
</html>
```



ubah.php



update.php



hapus.php