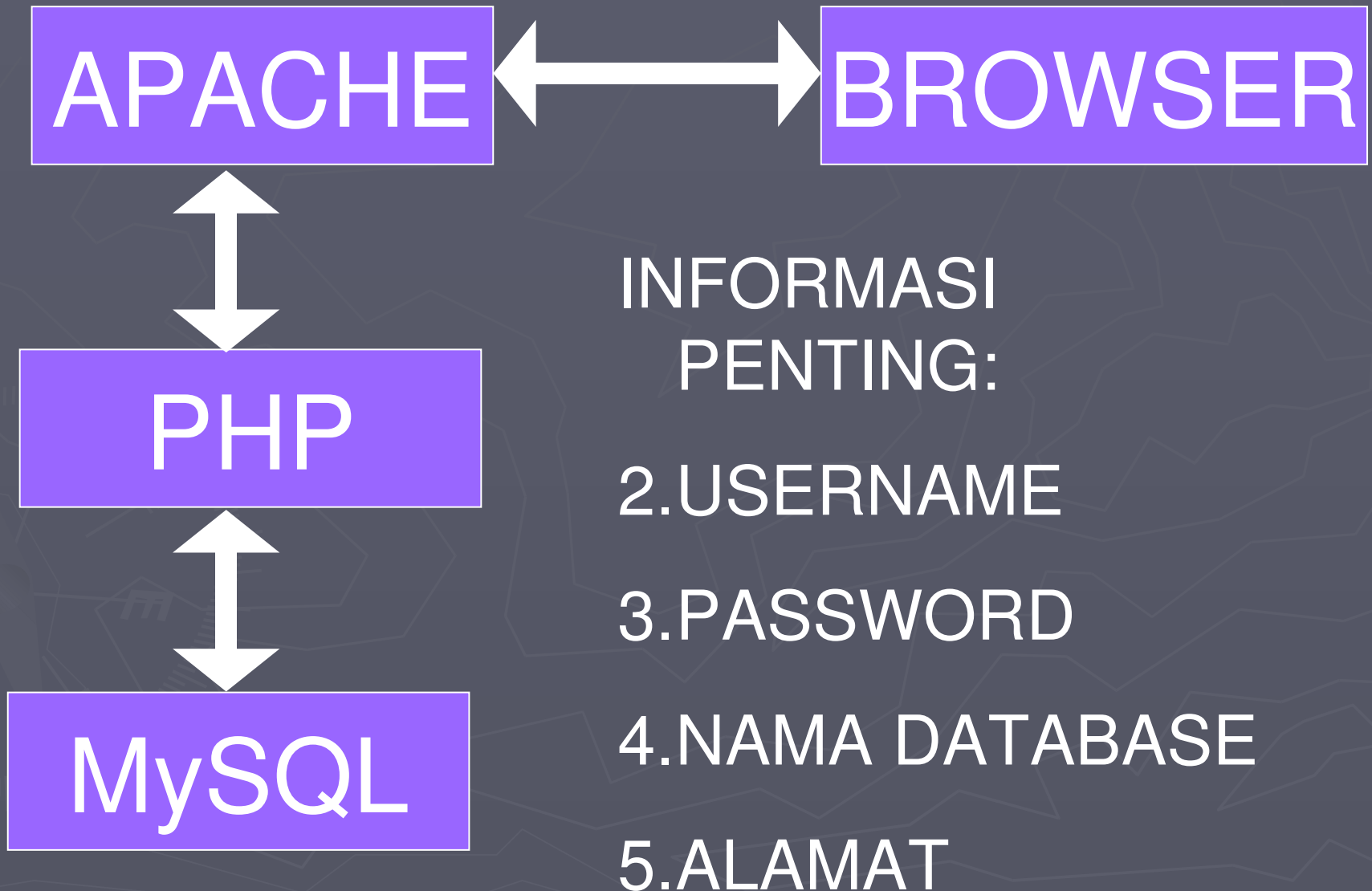


AKSES DATABASE



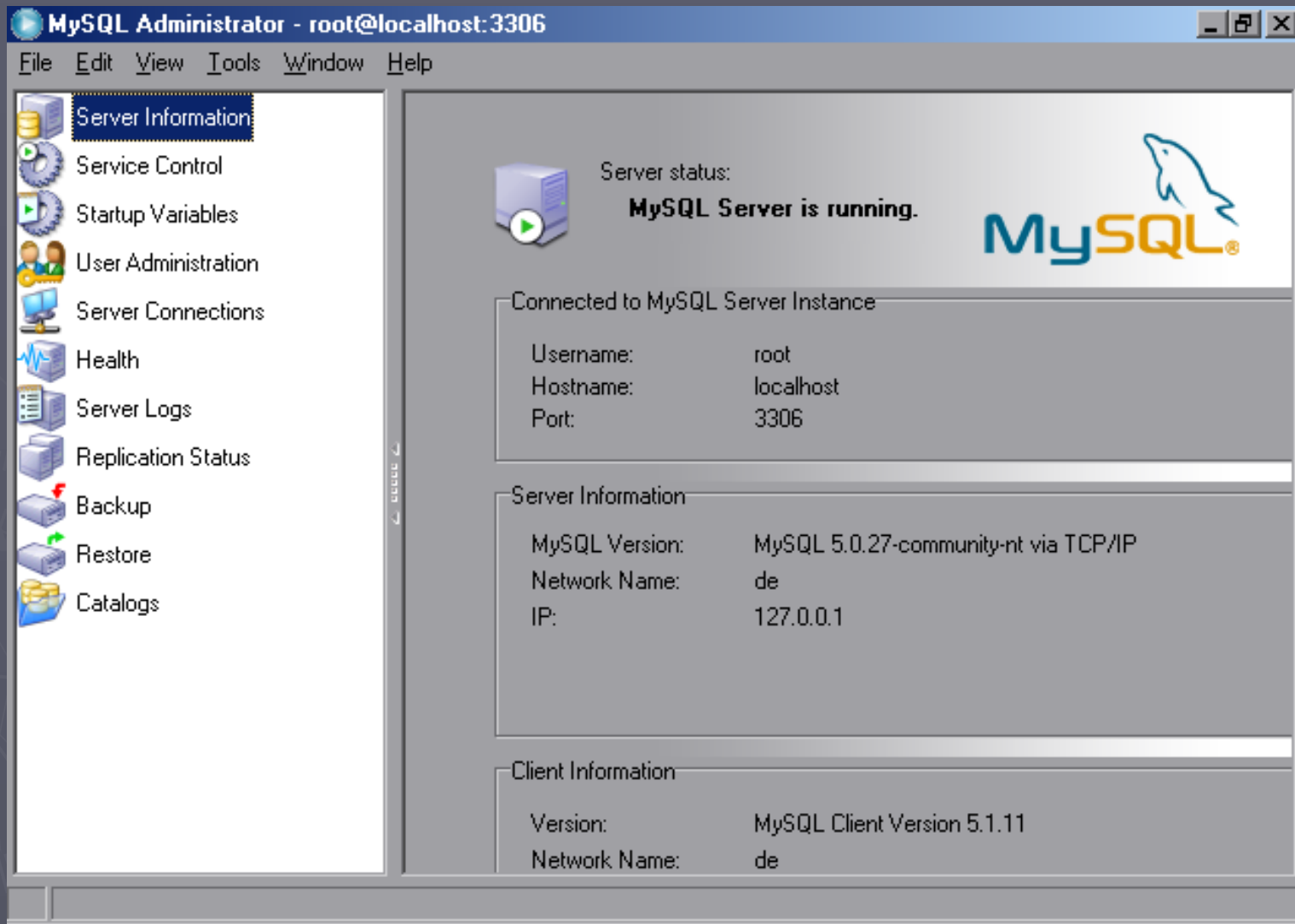
PHP ↔ MySQL



SOFTWARE BANTUAN

- ▶ MySQL ADMINISTRATOR
 - STAND ALONE ADMIN PROGRAM
- ▶ MySQL QUERY BROWSER
 - STAND ALONE QUERY PROGRAM
- ▶ PHPMYADMIN:
 - WEB BASED ADMIN+QUERY PROGRAM

MySQL ADMINISTRATOR



MySQL QUERY BROWSER

The screenshot displays the MySQL Query Browser application window. The title bar reads "MySQL Query Browser - root@localhost:3306". The menu bar includes File, Edit, View, Query, Script, Tools, Window, and Help. The toolbar contains buttons for Go back, Next, Refresh, Stop, Explain, Compare, and SQL keywords (SELECT, FROM, WHERE, GROUP, HAVING, ORDER, SET). The query editor contains the text: `SELECT * FROM classifieds.phpclass_ad p;`. The Results panel shows "Resultset 1" with a table containing one row of data. The status bar at the bottom indicates "1 row fetched in 0,0326s (0,0451s)". The right sidebar has tabs for Schemata, Bookmarks, History, Syntax, Functions, Params, and Trx. The Schemata tab shows a search bar and a dropdown menu with "alibabab". The Syntax tab shows a list of categories: Data Manipulation, Data Definition, MySQL Utility, and Transactional and Locking.

MySQL Query Browser - root@localhost:3306

File Edit View Query Script Tools Window Help

Go back Next Refresh

`SELECT * FROM classifieds.phpclass_ad p;`

Stop

Transaction Explain Compare

SELECT FROM WHERE GROUP HAVING ORDER SET

Resultset 1

	ad_id	ad_owner	ad_cat_id	ad_title
▶	1	1	3	Selling Truck

1 row fetched in 0,0326s (0,0451s)

Schemata Bookmarks History

alibabab

Syntax Functions Params Trx

- Data Manipulation
- Data Definition
- MySQL Utility
- Transactional and Locking



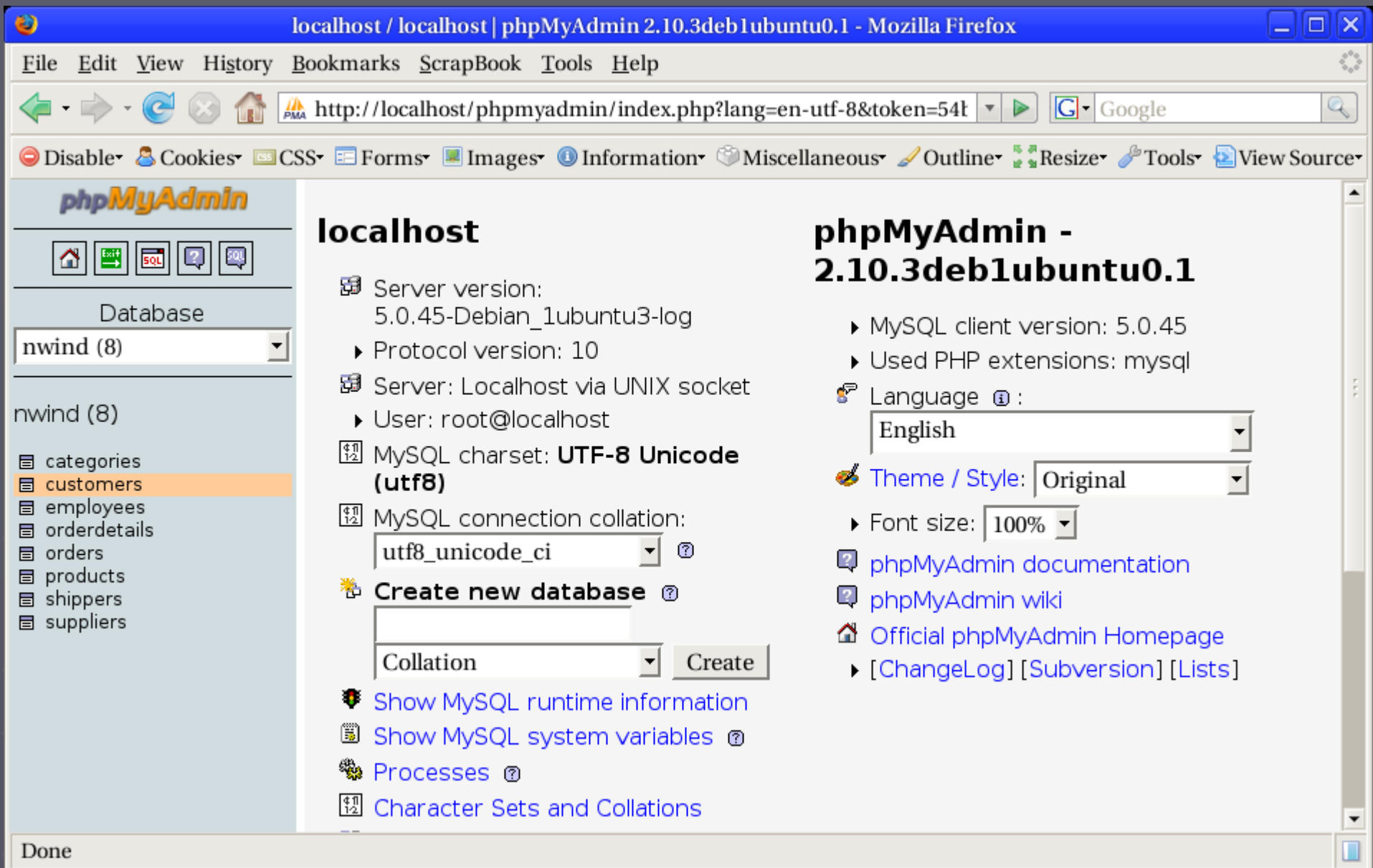
Welcome to phpMyAdmin 2.10.3deb1ubuntu0.1

Language ⓘ

Log in

Username:

Password:



NorthWind Example DB

North Wind
MS Acces

mssql2mysql.bas



North Wind
MySQL



Create new database 

nwind

Collation



Create



Show MySQL runtime information



IMPORT
NWIND.SQL

	Table	Action						Records 
<input type="checkbox"/>	categories							8
<input type="checkbox"/>	customers							91
<input type="checkbox"/>	employees							9
<input type="checkbox"/>	orderdetails							2,155
<input type="checkbox"/>	orders							830
<input type="checkbox"/>	products							77
<input type="checkbox"/>	shippers							3
<input type="checkbox"/>	suppliers							29

TYPICAL DB ACCESS

- ▶ OPEN CONNECTION
- ▶ SELECT DATABASE
- ▶ RUN QUERY
- ▶ GET RESULT
- ▶ DO SOMETHING ON RESULT
 - DISPLAY

OPEN CONN

produk.php

<?

```
mysql_connect("localhost","wp  
","wp");
```

?>

OPEN CONN

▶ BERHASIL:

- TIDAK ADA TAMPILAN APAPUN

▶ GAGAL:

- ACCESS DENIED
- UNKNOWN MySQL SERVER

SELECT DATABASE

produk.php

<?

```
mysql_connect("localhost","wp","wp");
```

```
mysql_select_DB("nwind");
```

```
print mysql_error();
```

?>

SELECT DATABASE

▶ BERHASIL:

- TIDAK ADA TAMPILAN

▶ GAGAL:

- ACCESS DENIED FOR USER

RUN QUERY & GET RESULT

.....

```
$sql = "select productid,  
        productname, unitprice from  
        products";
```

```
$results = mysql_query($sql);  
print mysql_error();
```

.....

DO SOMETHING: DISPLAY

.....

```
while( $data = mysql_fetch_array($results))
```

```
{
```

```
    print "Product ID: $data[productid] | Product  
    Name: $data[productname] | Unit Price:  
    $data[unitprice]<br>";
```

```
}
```

.....

Product ID: 1	Product Name: Chai	Unit Price: 18
Product ID: 2	Product Name: Chang	Unit Price: 19
Product ID: 3	Product Name: Aniseed Syrup	Unit Price: 10
Product ID: 4	Product Name: Chef Anton's Cajun Seasoning	Unit Price: 22
Product ID: 5	Product Name: Chef Anton's Gumbo Mix	Unit Price: 21.35
Product ID: 6	Product Name: Grandma's Boysenberry Spread	Unit Price: 25
Product ID: 7	Product Name: Uncle Bob's Organic Dried Pears	Unit Price: 30
Product ID: 8	Product Name: Northwoods Cranberry Sauce	Unit Price: 40
Product ID: 9	Product Name: Mishi Kobe Niku	Unit Price: 97
Product ID: 10	Product Name: Ikura	Unit Price: 31
Product ID: 11	Product Name: Que Pasa	Unit Price: 21

MODIFIKASI

- ▶ print "<h2>Data Produk</h2>";
- ▶ print "<table border=1 width=100%>";
- ▶ print "<tr>";
- ▶ print "<td>Kode</td>";
- ▶ print "<td>Nama</td>";
- ▶ print "<td>Harga/unit</td>";
- ▶ Print "</tr>";

MODIFIKASI

```
▶ while( $data = mysql_fetch_array($results))  
▶ {  
▶ print "<tr>";  
▶ print "<td>$data[productid]</td>";  
▶ print "<td>$data[productname]</td>";  
▶ print "<td>$data[unitprice]</td>";  
▶ print "</tr>";  
▶ }  
▶  
▶ print "</table>";
```

Data Produk

Kode	Nama	Harga/Unit
1	Chai	18
2	Chang	19
3	Aniseed Syrup	10
4	Chef Anton's Cajun Seasoning	22
5	Chef Anton's Gumbo Mix	21.35
6	Grandma's Boysenberry Spread	25
7	Uncle Bob's Organic Dried Pears	30
8	Northwoods Cranberry Sauce	40
9	Mishi Kobe Niku	97
10	Plums	21

FILE UPLOAD



FORM UPLOAD

- ▶ `<form action="upload.php" method="post" enctype="multipart/form-data">`
- ▶ Upload: `<input name="myfile" type="file">`
- ▶ `<input type="submit" value="Upload">`
`</form>`

upload.php

- ▶ `$_FILES['myfile']['name']`
- ▶ `$_FILES['myfile']['type']`
- ▶ `$_FILES['myfile']['size']`
- ▶ `$_FILES['myfile']['tmp_name']`
- ▶ `$_FILES['myfile']['error']`

upload.php

- ▶ <?
- ▶ \$up_directory = “./images/”;
- ▶ \$up_dest_file = \$up_directory.\$_FILES['myfile']['name'];
- ▶ if (move_uploaded_file(\$_FILES['myfile']['tmp_name'],
\$up_dest_file))
- ▶ {
 print “Upload sukses”;
- } else {
 print “Uplaod gagal”;
- }
- ▶ ?>

upload.php

- ▶ File size check?
- ▶ File extension check?
- ▶ File already exist check?

File size check

```
▶ .....  
▶ If ($_FILES['myfile']['size'] < 1000000)  
▶ {  
    // upload the file  
▶ }  
▶ .....
```

File extension check

```
▶ .....  
▶ $ext = substr($_FILE['myfile']['name'],-3);  
▶ if ($ext == 'gif' || $ext == 'jpg')  
▶ {  
    // upload the file  
▶ }  
▶ .....
```

File already exist check

```
▶ .....  
▶ If (!file_exists($up_dest_file))  
▶ {  
    // upload file  
▶ }  
▶ .....
```

mail



Simplest mail()

▶ <?

▶ mail("support@acme.com",
"Subject", "Content");

▶ ?>

Plain text mail !!!!!

More mail()

- ▶ <?
- ▶ \$receiver = "cs@acme.com";
- ▶ \$subject = "Need help on install";
- ▶ \$msg = "<html><body>we need instruction on installing the printer</body></html>";
- ▶ \$headers = "MIME-Version: 1.0\r\n";
- ▶ \$headers .= "Content-type: text/html; charset=iso-8859-1\r\n";
- ▶ \$headers .= "To: Customer Support <cs@acme.com>";
- ▶ \$headers .= "From: John <john@example.com>\r\n";
- ▶ Mail(\$receiver, \$subject, \$msg, \$headers)
- ▶ ?>

phpmailer

mail() wrapper

Kelas

- ▶ **Class.phpmailer.php**
- ▶ **Class.smtp.php**

- ▶ <?php
- ▶ require("class.phpmailer.php");
- ▶ \$mail = new PHPMailer();
- ▶ \$mail->mailer = "mail";
- ▶ \$mail->From = "rudi@acme.com";
- ▶ \$mail->AddAddress("sigi@mysite.com");
- ▶ \$mail->Subject = "Coba php mailer";
- ▶ \$mail->Body = "halo ! \n\n PHPMailernya bekerja dengan baik!";
- ▶ \$mail->WordWrap = 50;

```
▶ if(!$mail->Send())  
▶ {  
▶     echo "Gagal";  
▶     echo "Mailer Error: " . $mail->ErrorInfo;  
▶ }  
▶ else  
▶ {  
▶     echo "Sukses";  
▶ }  
▶ ?>
```

Contoh lain

- ▶ `<?php`
- ▶ `require("class.phpmailer.php");`
- ▶ `$mail = new PHPMailer();`
- ▶ `$mail->mailer = "smtp";`
- ▶ `$mail->Host = "smtp.indosat.net.id";`
- ▶ `$mail->SMTPAuth = "true";`
- ▶ `$mail->Username = "rudi";`
- ▶ `$mail->Password = "tabuti";`

- ▶ `$mail->From = "rudi@acme.com";`
- ▶ `$mail->AddAddress("sigi@mysite.com");`
- ▶ `$mail->Subject = "Coba php mailer";`
- ▶ `$mail->Subject = "Coba php mailer";`
- ▶ `$mail->Body = "halo ! \n\n PHPMailernya
bekerja dengan baik!";`
- ▶ `$mail->WordWrap = 50;`
- ▶ `?>`

Contoh lain lagi

- ▶ `<?php`
- ▶ `require("class.phpmailer.php");`
- ▶ `$mail = new PHPMailer();`
- ▶ `$mail->mailer = "smtp";`
- ▶ `$mail->Host = "smtp.indosat.net.id";`
- ▶ `$mail->SMTPAuth = "true";`
- ▶ `$mail->Username = "rudi";`
- ▶ `$mail->Password = "tabuti";`
- ▶ `$mail->isHTML(true);`

- ▶ `$mail->From = "rudi@acme.com";`
- ▶ `$mail->AddAddress("sigi@mysite.com");`
- ▶ `$mail->Subject = "Coba php mailer";`
- ▶ `$mail->Subject = "Coba php mailer";`
- ▶ `$mail->Body = "halo !

 PHPMailernya bekerja dengan baik!";`
- ▶ `$mail->WordWrap = 50;`
- ▶ `?>`