RDBMS

RDBMS

- PHP MySQL
- RDBMS = Software Database
- Contoh: MySQL, SQL Server, Oracle, dll

Syarat dasar: Storage, Transaksi, Administrasi

Tools: PHPMyAdmin, Navicat, SQL Plus, dll

PHPMyAdmin

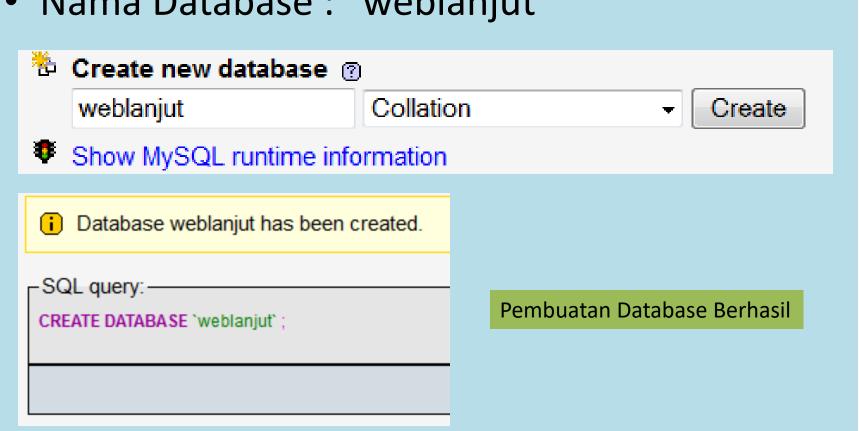
Akses: http://localhost/phpmyadmin

User: root

Pass: [kosongkan saja]

Membuat Database

Nama Database: "weblanjut"



Membuat Tabel

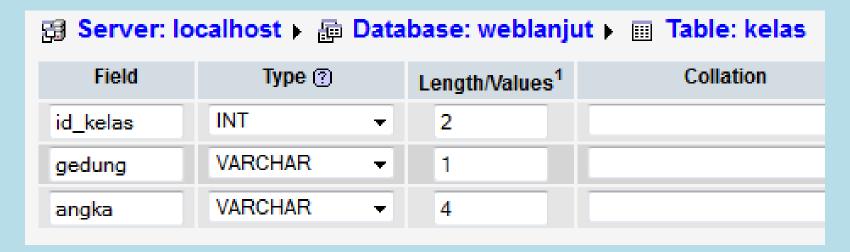
- Nama Tabel: "kelas"
- Jumlah Kolom: 3

Create new table on database weblanjut		
Name:	kelas	Number of fields: 3

Klik: Go

Mengatur Kolom

Nama Kolom: id_kelas, gedung, angka



Set kolom id_kelas sebagai Primary Key dan autoincrement

Storage Engine diganti: InnoDB

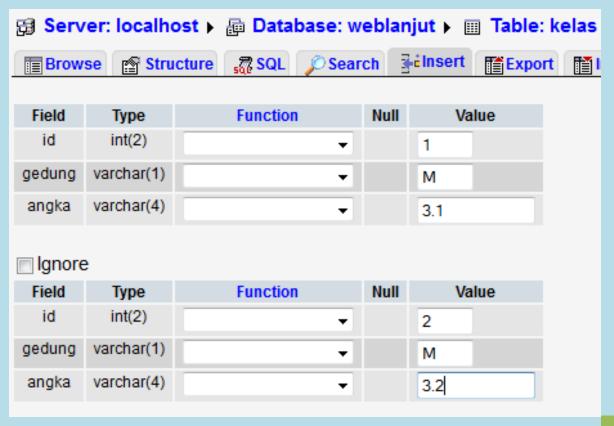
Klik: Save

Pembuatan Tabel Berhasil

Table 'weblanjut'.'kelas' has been created. –SQL query: – CREATE TABLE 'kelas' ('id_kelas' INT(2) NOT NULL AUTO_INCREMENT PRIMARY KEY 'gedung' VARCHAR(1) NOT NULL, 'angka' VARCHAR(4) NOT NULL ENGINE = INNODB: Collation Attributes Field Type Null <u>id kelas</u> int(2) No varchar(1) utf8_general_ci No gedung varchar(4) utf8_general_ci angka No

Input Data

Klik menu "Insert"



Klik: Go

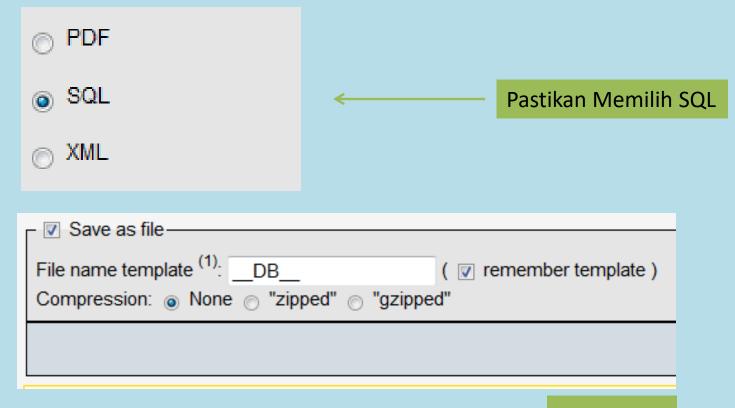
Menampilkan Data

• Klik menu "Browse"



Export Database

Klik database "weblanjut" → "Export"



Klik: Go

koneksi.php

```
<?php
$server = "localhost";
$username = "root";
$password = "";
$database = "weblanjut";
// Koneksi dan memilih database di server
$koneksi = mysqli connect($server, $username,
$password, $database)
or die(mysqli connect error());
?>
```

kelas.php

```
<?php
include "koneksi.php"; <
                                         Memasukkan Kunci
$query = "select * from kelas";
                                                 Perintah SQL
$hasil = mysqli query($koneksi,$query);
echo "Data Kelas FTIK : <br>";
while($data=mysqli_fetch_array($hasil)){
  echo "$data[id_kelas]. $data[gedung] $data[angka] <br>";
?>
                 Nama-nama Kolom di Database
```

Tampilkan

- Tampilkan nomor urut
- Data terbaru ada di awal
- Ruangan di Gedung M saja
- Ruangan di Gedung Q dan Lantai 1 saja
- Semua ruangan di lantai 3