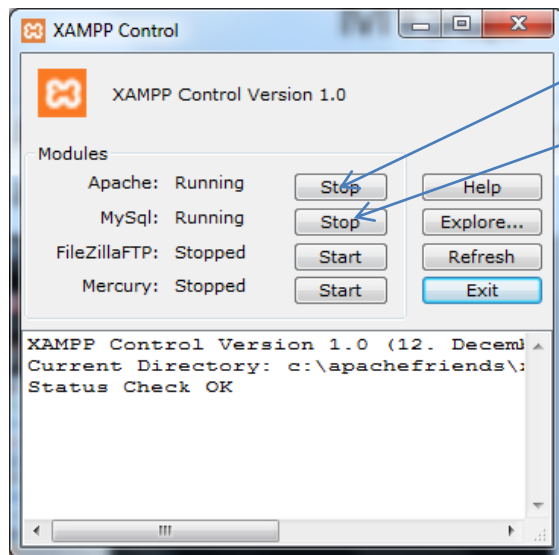


# Pertemuan 1

Teknik Informatika

# MYSQL

- Aktifkan xampp pada menu control panel

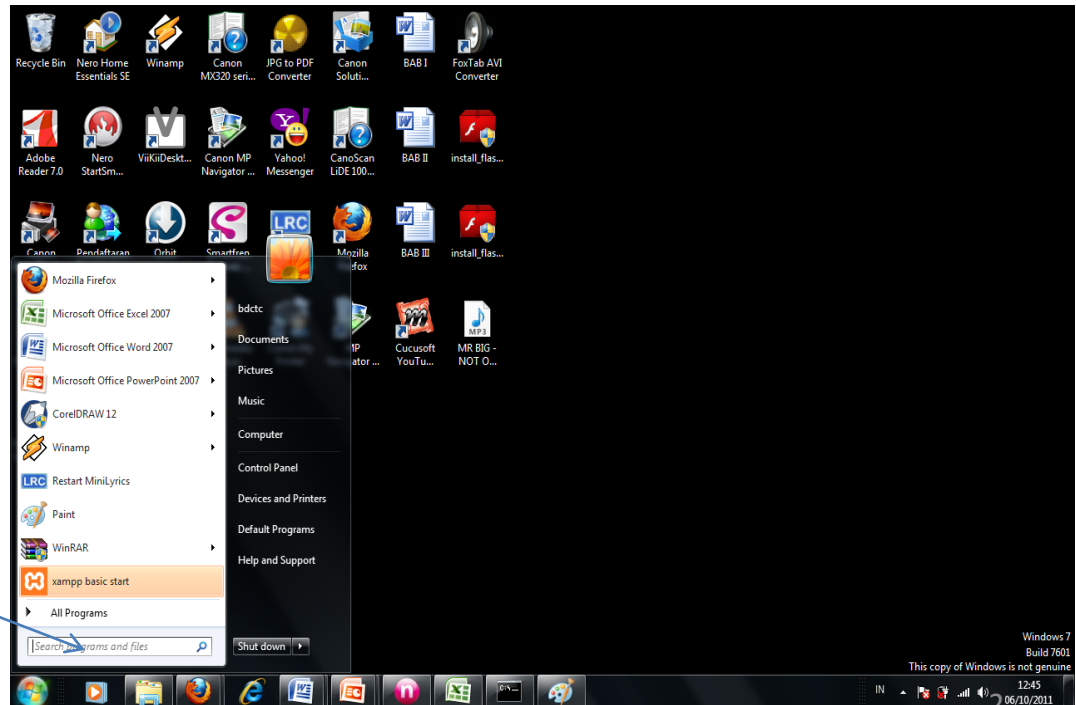


Klik Start (Mengaktifkan Apache )

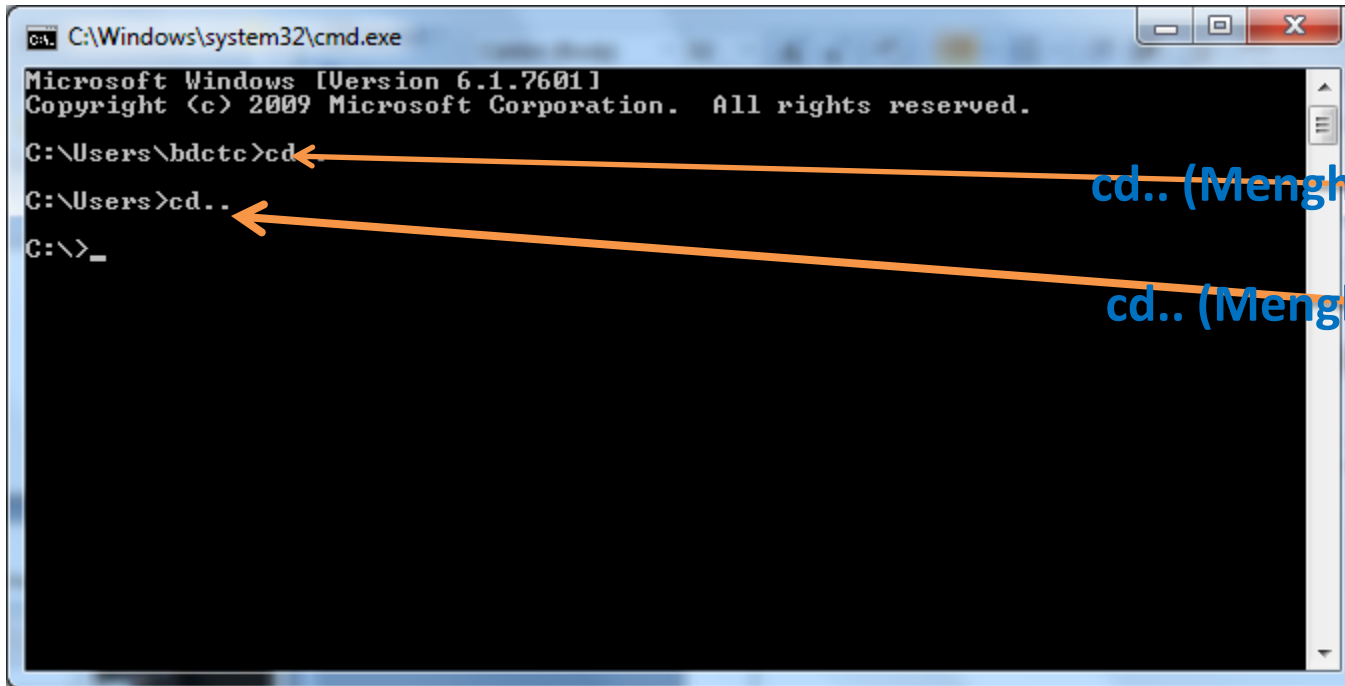
Klik Start (Mnengaktifkan Mysql)

- Ketik cmd pada

Ketik **cmd** atau **command prompt**



# Lanjutan



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\bdctc>cd
C:\Users>cd..
C:\>_
```

cd.. (Menghapus bdctc)

cd.. (Menghapus Users)

# Lanjutan

```
C:\Windows\system32\cmd.exe - apachefriends\xampp\mysql\bin\mysql -u root -p
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\bdctc>cd..
C:\Users>cd..
C:\>apachefriends\xampp\mysql\bin\mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12 to server version: 4.1.10

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

mysql> _
```

apachefriends\xampp\mysql\bin\mysql -u root -p

Langsung di Enter

Akan tampil menu mysql>\_

Perintah **-u** root menunjukkan user root (default) **-p** untuk password dari root( secara default tidak menggunakan password, maka tinggal tekan enter.) maka mysql sudah aktif seperti

# Membuat Database Baru

- Ketik “ **CREATE DATABASE LATIHAN\_1;** ”

```
C:\Windows\system32\CMD.exe - apachefriends\xampp\mysql\bin\mysql -u root -p
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\bdctc>CD..
C:\Users>CD..

C:\>apachefriends\xampp\mysql\bin\mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g
Your MySQL connection id is 25 to server version: 4.1.10

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

mysql> CREATE DATABASE LATIHAN.1;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
corresponds to your MySQL server version for the right syntax to use near '.1' a
t line 1
mysql> CREATE DATABASE LATIHAN_1;
Query OK, 1 row affected (0.00 sec)

mysql> _
```

# Membuat Tabel

- Ketik perintah SQL :  
**“Use latihan\_1; “** <----- menggunakan database yang baru dibuat
- Ketik Perintah SQL membuat tabel baru :  
**“create table mhs(nim char(9) primary key not null, nama char(50) not null, kelas char(4) not null);”** <--- membuat table baru

# Tampilan

```
mysql>create table mhs(nim char(9) primary key not null,  
-> nama char(50) not null,  
-> kelas char(4) not null);
```

```
mysql> create table mhs(nim char(9) primary key not null,  
-> nama char(50) not null,  
-> kelas char(4) not null);  
Query OK, 0 rows affected (0.08 sec)
```

# Tampilan

- Menampilkan table pada SQL ;

Ketik perintah : **“desc mhs;”**

```
mysql> desc mhs;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nim   | char(9)   | NO   | PRI | NULL    |       |
| nama  | char(50)  | NO   |     | NULL    |       |
| kelas | char(4)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)
```



# Mengisi Tabel

- Untuk mengisi 3 field yaitu nim,nama & kelas berikut perintahnya :
  1. `insert into mhs values('08142001','Yanti','TI3D');`
  2. `insert into mhs values('08142002','Yanto','TI3D');`
  3. `insert into mhs values('08142003','Yanta','TI3D');`
- Untuk melihat hasil dari input data ketik perintah :  
***Select \* From mhs;***

# Tampilan

```
mysql> insert into mhs values('08142001','Yanti','TI3D');
Query OK, 1 row affected (0.05 sec)

mysql> insert into mhs values('08142002','Yanto','TI3D');
Query OK, 1 row affected (0.02 sec)

mysql> insert into mhs values('08142003','Yanta','TI3D');
Query OK, 1 row affected (0.03 sec)

mysql> select * from mhs;
+-----+-----+-----+
| nim   | nama  | kelas |
+-----+-----+-----+
| 08142001 | Yanti | TI3D  |
| 08142002 | Yanto | TI3D  |
| 08142003 | Yanta | TI3D  |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

Field nim

Field nama

Field kelas

# Latihan 1

- Buatlah database baru dengan perintah SQL
- Database **“Penjualan”**
- Tabel **“Barang”**
- Field **“kode\_barang, nama barang, jumlah”**