

STORE PROSEDURE

```
Delimiter // (untuk Merubah ; menjadi //)
Create procedure tampil()
Begin
    Select nim,nama,sex from mahasiswa;
    Select nim,nama,sex from mahasiswa where sex="P";
End;

Call tampil()// (memanggil store procedure tampil())
Drop procedure tampil() (menghapus store procedure tampil() )

Create procedure isiluas (xPJ int, xLB int)
Begin
    Declare xLuas int;
    Set xLuas = xPJ * xLB;
    Insert into TBLUAS (luas,panjang,lebar) values (xLuas, xPJ, xLB);
    Select * from TBLUAS;
End;
//

Call isiluas (10,6)//

Delete from luas;
Select * from luas;
Call isiluas (10,6)//
```

STORE PROSEDURE

```
Delimiter // (untuk Merubah ; menjadi //)
Create procedure tampil()
Begin
    Select * from mhs;
End;

Call tampil()// (memanggil store procedure tampil())
Drop procedure tampil() (menghapus store procedure tampil() )

Create procedure isiluas (xpanjang int, xluas int)
Begin
    Declare xL int;
    Declare xstatus char(10);
    Set xluas = xpanjang * xLebar;
    Insert into luas values (xpanjang, xLebar, xluas, xstatus);
    Select * from luas;
End;

Delete from luas;
Select * from luas;
Call isiluas (10,6)//

Delimiter // (untuk Merubah ; menjadi //)
Create TRIGGER ABCD after insert on KRS
FOR EACH ROW Begin
    Insert into KRS1 (nim,kdmt,nil) values(new.nim,new.Kdmt,new.nil);
    Update KRS2 set nil=new.nil where nim=new.nim and kode_kul=new.kode_kul;
    Delete from KRS3 where nim=new.nim and kode_kul=new.kode_kul;
End;
```

```
Insert into KRS (nim, kode_kul,nil ) values ("A12.2007.00011","A21-101",90);
```

```
Create TRIGGER coba after insert on mahasiswa
FOR EACH ROW Begin
  Insert into mhsbackup (nim,sex) values(new.nim,new.sex);
End;
```

```
Create TRIGGER coba2 after update on siswa
FOR EACH ROW Begin
  Update siswbackup set nim= new.nim, alamat=new.alamat;
End;
```

```
Create TRIGGER coba3 before delete on siswa
FOR EACH ROW Begin
  Delete from siswbackup where nim= new.nim;
End;
```

* Integrity Constraint

```
alter table krs add constraint fkkrs foreign key(nim) references mhs(nim) on update
cascade;
```

```
mysql> alter table krs add constraint fkkrs_matkul foreign key(kdmt) references
matkul(kdmt) on update cascade;
mysql> alter table krs add constraint fkkrs_del_matkul foreign key(kdmt) references
matkul(kdmt) on delete cascade;
Query OK, 4 rows affected (0.06 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

```
mysql> select * from mhs;
+-----+-----+-----+
| nim      | Nama   | Tgl_lhr |
+-----+-----+-----+
| A11.2005.05555 | SIPITUNG | 1970-03-11 |
| A21.2000.01232 | Susiana | 1977-03-11 |
| A21.2000.01233 | Amir   | 1980-02-15 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> select * from krs;
+-----+-----+-----+
| nim      | kdmt | nil |
+-----+-----+-----+
| A21.2000.01232 | MT01 | 75 |
| A21.2000.01232 | MT02 | 35 |
| A21.2000.01233 | MT01 | 90 |
| A11.2005.05555 | MT03 | 75 |
+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> select * from krs;
+-----+-----+-----+
| nim      | kdmt | nil |
+-----+-----+-----+
| A21.2000.01232 | MT01 | 75 |
| A21.2000.01232 | MT02 | 35 |
| A21.2000.01233 | MT01 | 90 |
```

```
| A11.2005.05555 | MT03 | 75 |
```

```
+-----+-----+-----+
```

```
4 rows in set (0.00 sec)
```

```
mysql> create table dosen (kddos int(4) auto_increment primarykey, nmdos char(25),alamat char(25));
```