

Nama : Andri Firman Saputra

NIM : 201011402125

Kelas : 05TPLP016

Tugas : Basis Data II – Latihan 5

Contoh5.sql - DESKTOP-ANDRI.contoh5 (DESKTOP-ANDRI\andri (56)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-ANDRI (SQL Server 11.0.6020) > Databases > contoh5 > Tables > dbo.TblMahasiswa

```
CREATE TABLE TblMahasiswa (
    nim VARCHAR(10) NOT NULL,
    nama_mhs VARCHAR(50) NOT NULL,
    tmp_lahir VARCHAR(20) NOT NULL,
    tgl_lahir DATE NOT NULL,
    jenis_kelamin CHAR(1) NOT NULL,
    agama VARCHAR(10) NOT NULL,
    alamat TEXT NOT NULL,
    kota VARCHAR(15) NOT NULL,
    kode_pos CHAR(5) NOT NULL,
    no_telp CHAR(13) NOT NULL);

INSERT INTO TblMahasiswa (nim, nama_mhs, tmp_lahir, tgl_lahir, jenis_kelamin, agama, alamat, kota, kode_pos, no_telp)
VALUES ('200714014', 'Andri Firman Saputra', 'Jakarta', '2002-01-29', '1', 'Islam', 'Jl. AMD Babakan Poci's', 'Tangsel', '15315', '087808675313');

INSERT INTO TblMahasiswa (nim, nama_mhs, tmp_lahir, tgl_lahir, jenis_kelamin, agama, alamat, kota, kode_pos, no_telp)
VALUES ('2007140086', 'ADE CAHYADI', 'Bandung', '1987-08-17', '1', 'Islam', 'Jl. Raya Jakarta', 'Jakarta', '54321', '0888999922');

INSERT INTO TblMahasiswa (nim, nama_mhs, tmp_lahir, tgl_lahir, jenis_kelamin, agama, alamat, kota, kode_pos, no_telp)
VALUES ('2007140156', 'ARIZONA RH', 'Surabaya', '1985-02-10', '1', 'Islam', 'Jl. Perumnas 1 No. 11', 'Tangerang', '21211', '0818787212');

SELECT * FROM TblMahasiswa;
```

Results:

	nim	nama_mhs	tmp_lahir	tgl_lahir	jenis_kelamin	agama	alamat	kota	kode_pos	no_telp
1	200714014	Andri Firman Saputra	Jakarta	2002-01-29	1	Islam	Jl. AMD Babakan Poci's	Tangsel	15315	087808675313
2	2007140086	ADE CAHYADI	Bandung	1987-08-17	1	Islam	Jl. Raya Jakarta	Jakarta	54321	0888999922
3	2007140156	ARIZONA RH	Surabaya	1985-02-10	1	Islam	Jl. Perumnas 1 No. 11	Tangerang	21211	0818787212

Query executed successfully. DESKTOP-ANDRI (11.0 SP3) DESKTOP-ANDRI\andri (56) contoh5 00:00:00 3 rows

Contoh5.sql - DESKTOP-ANDRI.contoh5 (DESKTOP-ANDRI\andri (56)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-ANDRI (SQL Server 11.0.6020) > Databases > contoh5 > Tables > dbo.TblMahasiswa

```
CREATE TABLE TblMahasiswa (
    nim VARCHAR(10) NOT NULL,
    nama_mhs VARCHAR(50) NOT NULL,
    tmp_lahir VARCHAR(20) NOT NULL,
    tgl_lahir DATE NOT NULL,
    jenis_kelamin CHAR(1) NOT NULL,
    agama VARCHAR(10) NOT NULL,
    alamat TEXT NOT NULL,
    kota VARCHAR(15) NOT NULL,
    kode_pos CHAR(5) NOT NULL,
    no_telp CHAR(13) NOT NULL);

INSERT INTO TblMahasiswa (nim, nama_mhs, tmp_lahir, tgl_lahir, jenis_kelamin, agama, alamat, kota, kode_pos, no_telp)
VALUES ('200714014', 'Andri Firman Saputra', 'Jakarta', '2002-01-29', '1', 'Islam', 'Jl. AMD Babakan Poci's', 'Tangsel', '15315', '087808675313');

INSERT INTO TblMahasiswa (nim, nama_mhs, tmp_lahir, tgl_lahir, jenis_kelamin, agama, alamat, kota, kode_pos, no_telp)
VALUES ('2007140086', 'ADE CAHYADI', 'Bandung', '1987-08-17', '1', 'Islam', 'Jl. Raya Jakarta', 'Jakarta', '54321', '0888999922');

INSERT INTO TblMahasiswa (nim, nama_mhs, tmp_lahir, tgl_lahir, jenis_kelamin, agama, alamat, kota, kode_pos, no_telp)
VALUES ('2007140156', 'ARIZONA RH', 'Surabaya', '1985-02-10', '1', 'Islam', 'Jl. Perumnas 1 No. 11', 'Tangerang', '21211', '0818787212');

SELECT * FROM TblMahasiswa;

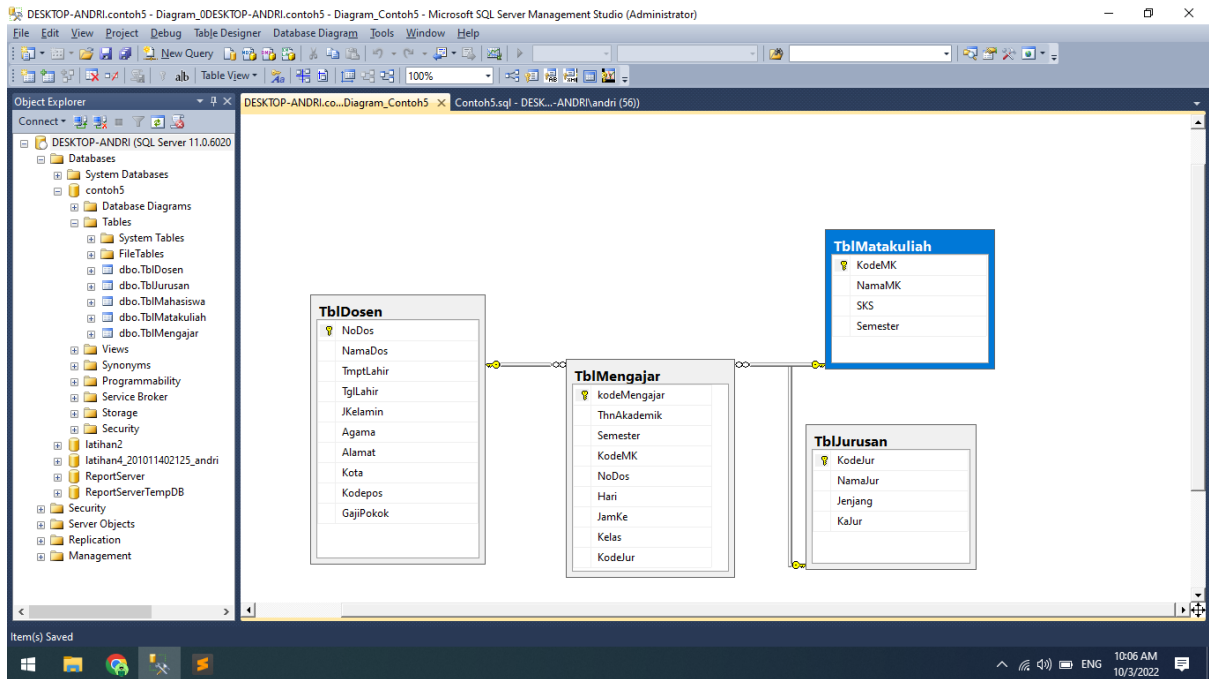
UPDATE TblMahasiswa SET alamat = 'Jl. Jakarta 41 bulungan' WHERE nim = '200714014';

SELECT * FROM TblMahasiswa;
```

Results:

	nim	nama_mhs	tmp_lahir	tgl_lahir	jenis_kelamin	agama	alamat	kota	kode_pos	no_telp
1	200714014	Andri Firman Saputra	Jakarta	2002-01-29	1	Islam	Jl. Jakarta 41 bulungan	Tangsel	15315	087808675313
2	2007140086	ADE CAHYADI	Bandung	1987-08-17	1	Islam	Jl. Raya Jakarta	Jakarta	54321	0888999922
3	2007140156	ARIZONA RH	Surabaya	1985-02-10	1	Islam	Jl. Perumnas 1 No. 11	Tangerang	21211	0818787212

Query executed successfully. DESKTOP-ANDRI (11.0 SP3) DESKTOP-ANDRI\andri (56) contoh5 00:00:00 3 rows



Contoh5.sql - DESKTOP-ANDRI.contoh5 (DESKTOP-ANDRI(56)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: DESKTOP-ANDRI (SQL Server 11.0.6020)

- Databases
  - contoh5
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - dbo.TblDosen
      - dbo.TblJurusan
      - dbo.TblMahasiswa
      - dbo.TblMatakuliah
      - dbo.TblMengajar
    - Views
    - Synonyms
    - Programmability
    - Service Broker
    - Storage
    - Security
    - latihan2
    - latihan4\_201011402125\_andri
    - ReportServer
    - ReportServerTempDB
    - Security
    - Server Objects
    - Replication
    - Management

Query Editor: Contoh5.sql - DESKTOP-ANDRI(56)

```

INSERT INTO TblMengajar
(kodemengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('K0001', '2011', '1', 'IF103', '269', 'Senin', '1', '401', 'IF1')
INSERT INTO TblMengajar
(kodemengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('K0002', '2011', '1', 'IF103', '269', 'Senin', '2', '402', 'IF1')
INSERT INTO TblMengajar
(kodemengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('K0003', '2011', '1', 'IF205', '269', 'Senin', '3', '403', 'IF1')
INSERT INTO TblMengajar
(kodemengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('K0004', '2011', '1', 'IF105', '270', 'Rabu', '1', '408', 'IF1')
INSERT INTO TblMengajar
(kodemengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('K0005', '2011', '1', 'IF201', '270', 'Rabu', '2', '416', 'IF1')
INSERT INTO TblMengajar
(kodemengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('K0006', '2011', '1', 'IF202', '270', 'Senin', '1', '408', 'IF1')
SELECT * FROM TblDosen
  
```

Results

NoDos	NamaDos	TmptLahir	TglLahir	JKelamin	Agama	Alamat	Kota	Kodepos	GajiPokok
269	ACHMAD BISRI	Jakarta	1980-01-01 00:00:00.000	L	Islam	Jl. Raya Jakarta	Jakarta	12345	5000000.00
270	ACHMAD UDIN ZAELENI	Jakarta	1980-02-02 00:00:00.000	L	Islam	Jl. Raya Pamulang	Jakarta	12312	3000000.00
271	BUDI	Bandung	1975-05-02 00:00:00.000	L	Islam	Jl. Raya Tangerang	Tangerang	34211	4500000.00

Query executed successfully.

DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI(56) | contoh5 | 00:00:00 | 3 rows

Item(s) Saved

Contoh5.sql - DESKTOP-ANDRI.contoh5 (DESKTOP-ANDRI\andri (56)) - Microsoft SQL Server Management Studio (Administrator)

File Edit View Query Project Debug Tools Window Help

Object Explorer

Connect

DESKTOP-ANDRI (SQL Server 11.0.6020)

Databases

System Databases

contoh5

Database Diagrams

Tables

System Tables

FileTables

dbo.TblDosen

dbo.TblJurusan

dbo.TblMahasiswa

dbo.TblMatakuliah

dbo.TblMengajar

Views

Synonyms

Programmability

Service Broker

Storage

Security

latihan2

latihan4\_201011402125\_andri

ReportServer

ReportServerTempDB

Security

Server Objects

Replication

Management

Query Editor

Contoh5.sql - DESKTOP-ANDRI\andri (56)

```
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari, JamKe, Kelas, KodeJur) VALUES('K0805', '2011', '1', 'IF201', '270', 'Rabu', '2', '416', 'IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari, JamKe, Kelas, KodeJur) VALUES('K0806', '2011', '1', 'IF202', '270', 'Senin', '1', '408', 'IF1')

SELECT * FROM TblDosen

SELECT * FROM TblMatakuliah

SELECT * FROM TblJurusan

SELECT * FROM TblMengajar

SELECT NamaDos, JKelamin, Alamat, Kota
FROM TblDosen
```

Results

	NamaDos	JKelamin	Alamat	Kota
1	ACHMAD BISRI	L	Jl. Raya Jakarta	Jakarta
2	ACHMAD UDIN ZAELANI	L	Jl. Raya Pamulang	Jakarta
3	BUDI	L	Jl. Raya Tangerang	Tangerang

Query executed successfully.

DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (56) | contoh5 | 00:00:00 | 3 rows

Item(s) Saved

Ln 170 Col 1 Ch 1 INS

10:09 AM 10/3/2022

Contoh5.sql - DESKTOP-ANDRI.contoh5 (DESKTOP-ANDRI\andri (56)) - Microsoft SQL Server Management Studio (Administrator)

File Edit View Query Project Debug Tools Window Help

Object Explorer

Connect

DESKTOP-ANDRI (SQL Server 11.0.6020)

Databases

System Databases

contoh5

Database Diagrams

Tables

System Tables

FileTables

dbo.TblDosen

dbo.TblJurusan

dbo.TblMahasiswa

dbo.TblMatakuliah

dbo.TblMengajar

Views

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latihan2

latihan4\_201011402125\_andri

ReportServer

ReportServerTempDB

Security

Server Objects

Replication

Management

Query Editor

Contoh5.sql - DESKTOP-ANDRI\andri (56)

```
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari, JamKe, Kelas, KodeJur) VALUES('K0805', '2011', '1', 'IF201', '270', 'Rabu', '2', '416', 'IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari, JamKe, Kelas, KodeJur) VALUES('K0806', '2011', '1', 'IF202', '270', 'Senin', '1', '408', 'IF1')

SELECT * FROM TblDosen

SELECT * FROM TblMatakuliah

SELECT * FROM TblJurusan

SELECT * FROM TblMengajar

SELECT NamaDos, JKelamin, Alamat, Kota
FROM TblDosen
```

Results

	NamaDos	JKelamin	Alamat	Kota
1	ACHMAD BISRI	L	Jl. Raya Jakarta	Jakarta
2	ACHMAD UDIN ZAELANI	L	Jl. Raya Pamulang	Jakarta
3	BUDI	L	Jl. Raya Tangerang	Tangerang

Query executed successfully.

DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (56) | contoh5 | 00:00:00 | 3 rows

Item(s) Saved

Ln 170 Col 1 Ch 1 INS

10:08 AM 10/3/2022

Contoh5.sql - DESKTOP-ANDRI.contoh5 (DESKTOP-ANDRI\andri (56)) - Microsoft SQL Server Management Studio (Administrator)

File Edit View Query Project Debug Tools Window Help

Object Explorer

- DESKTOP-ANDRI (SQL Server 11.0.6020)
  - Databases
    - System Databases
    - contoh5
      - Database Diagrams
      - Tables
        - System Tables
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        - dbo.TblDosen
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        - dbo.TblMahasiswa
        - dbo.TblMatakuliah
        - dbo.TblMengajar
      - Views
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      - Storage
      - Security
    - latihan2
    - latihan4\_201011402125\_andri
    - ReportServer
    - ReportServerTempDB
    - Security
    - Server Objects
    - Replication
    - Management

DESKTOP-ANDRI.co...Diagram\_Contoh5

```

(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM004', '2011', '1', 'IF105', '270', 'Rabu', '1', '408', 'IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM005', '2011', '1', 'IF201', '270', 'Rabu', '2', '416', 'IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM006', '2011', '1', 'IF202', '270', 'Senin', '1', '408', 'IF1')

SELECT * FROM TblDosen
SELECT * FROM TblMatakuliah
SELECT * FROM TblJurusan
SELECT * FROM TblMengajar
  
```

Results

	kodeMengajar	ThnAkademik	Semester	KodeMK	NoDos	Hari	JamKe	Kelas	KodeJur
1	KM001	2011	1	IF103	269	Senin	1	401	IF1
2	KM002	2011	1	IF103	269	Senin	2	402	IF1
3	KM003	2011	1	IF205	269	Senin	3	403	IF1
4	KM004	2011	1	IF105	270	Rabu	1	408	IF1
5	KM005	2011	1	IF201	270	Rabu	2	416	IF1
6	KM006	2011	1	IF202	270	Senin	1	408	IF1

Query executed successfully.

DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (56) | contoh5 | 00:00:00 | 6 rows

Item(s) Saved

Ln 168 Col 1 Ch 1 INS 10:08 AM 10/3/2022

Contoh5.sql - DESKTOP-ANDRI.contoh5 (DESKTOP-ANDRI\andri (56)) - Microsoft SQL Server Management Studio (Administrator)

File Edit View Query Project Debug Tools Window Help

Object Explorer

- DESKTOP-ANDRI (SQL Server 11.0.6020)
  - Databases
    - System Databases
    - contoh5
      - Database Diagrams
      - Tables
        - System Tables
        - FileTables
        - dbo.TblDosen
        - dbo.TblJurusan
        - dbo.TblMahasiswa
        - dbo.TblMatakuliah
        - dbo.TblMengajar
      - Views
      - Synonyms
      - Programmability
      - Service Broker
      - Storage
      - Security
    - latihan2
    - latihan4\_201011402125\_andri
    - ReportServer
    - ReportServerTempDB
    - Security
    - Server Objects
    - Replication
    - Management

DESKTOP-ANDRI.co...Diagram\_Contoh5

```

JamKe, Kelas, KodeJur) VALUES('KM003', '2011', '1', 'IF205', '269', 'Senin', '3', '403', 'IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM004', '2011', '1', 'IF105', '270', 'Rabu', '1', '408', 'IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM005', '2011', '1', 'IF201', '270', 'Rabu', '2', '416', 'IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM006', '2011', '1', 'IF202', '270', 'Senin', '1', '408', 'IF1')

SELECT * FROM TblDosen
SELECT * FROM TblMatakuliah
SELECT * FROM TblJurusan
  
```

Results

	KodeJur	NamaJur	Jenjang	Kajur
1	IF1	Teknik Informatika	S1	Ir. Atang Susila, M.Eng
2	IF2	Sistem Informasi	S1	Achmad Bari, S.Kom
3	IF3	Manajemen Informatika	D3	Achmad Udin Zaelani, S.Kom

Query executed successfully.

DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (56) | contoh5 | 00:00:00 | 3 rows

Item(s) Saved

Ln 165 Col 1 Ch 1 INS 10:08 AM 10/3/2022

Contoh5.sql - DESKTOP-ANDRI.contoh5 (DESKTOP-ANDRI\andri (56)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: DESKTOP-ANDRI (SQL Server 11.0.6020) > Databases > contoh5 > Tables > dbo.TblMatakuliah

```

INSERT INTO TblMatakuliah (KodeMk, NamaMk, Sks, Semester)
VALUES ('K0003', '2011', '1', 'IF205', '269', 'Senin', '3', '403', 'IF1')
INSERT INTO TblMatakuliah (KodeMk, NamaMk, Sks, Semester)
VALUES ('K0004', '2011', '1', 'IF105', '270', 'Rabu', '1', '408', 'IF1')
INSERT INTO TblMatakuliah (KodeMk, NamaMk, Sks, Semester)
VALUES ('K0005', '2011', '1', 'IF201', '270', 'Rabu', '2', '416', 'IF1')
INSERT INTO TblMatakuliah (KodeMk, NamaMk, Sks, Semester)
VALUES ('K0006', '2011', '1', 'IF202', '270', 'Senin', '1', '408', 'IF1')

SELECT * FROM TblDosen
SELECT * FROM TblMatakuliah

```

Results:

KodeMk	NamaMk	Sks	Semester
1	IF101	Pengantar Teknologi Informasi	2 1
2	IF102	Pengantar Aplikasi Komputer	2 1
3	IF103	Algoritma dan Pemrograman	4 1
4	IF104	Fisika Dasar	2 1
5	IF105	Sistem Digital	2 1
6	IF201	Komunikasi Data	3 2
7	IF202	Struktur Data	4 2
8	IF203	Matematika Diskrit	2 2
9	IF204	Jaringan Komputer	2 2
10	IF205	Sistem Operasi	2 2

Query executed successfully. DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (56) | contoh5 | 00:00:00 | 10 rows

Contoh5.sql - DESKTOP-ANDRI.contoh5 (DESKTOP-ANDRI\andri (56)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: DESKTOP-ANDRI (SQL Server 11.0.6020) > Databases > contoh5 > Tables > dbo.TblMatakuliah

```

(kodeMgajar, ThnAkademik, Semester, KodeMk, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES ('K0006', '2011', '1', 'IF202', '270', 'Senin', '1', '408', 'IF1')

SELECT * FROM TblDosen
SELECT * FROM TblMatakuliah
SELECT * FROM TblJurusan
SELECT * FROM TblMgajar
SELECT NamaDos, Jkelamin, Alamat, Kota
FROM TblDosen
SELECT NamaDos, Jkelamin, Alamat, Kota
FROM TblDosen
WHERE Kota = 'Tangerang'

```

Results:

NamaDos	Jkelamin	Alamat	Kota
BUDI	L	Jl. Raya Tangerang	Tan

Query executed successfully. DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (56) | contoh5 | 00:00:00 | 1 rows

```
create database contoh5;
```

```
use contoh5;
```

```
create table TblMahasiswa (nim char(10) not null,  
nama_mhs varchar(50) not null,  
tmpt_lahir varchar(20) not null,  
tgl_lahir date not null,  
jenis_kelamin char(1) not null,  
agama varchar(10) not null,  
alamat text not null,  
kota varchar(15) not null,  
kode_pos char(5) not null,  
no_telp char(13) not null);
```

```
insert into TblMahasiswa (nim, nama_mhs, tmpt_lahir, tgl_lahir, jenis_kelamin, agama,  
alamat, kota, kode_pos, no_telp)  
values ('200714014', 'Andri Firman Saputra', 'Jakarta', '2002-01-  
29', 'l', 'Islam', 'Jl. AMD Babakan Pocis',  
'Tangsel', '15315', '087808675313');
```

```
insert into TblMahasiswa (nim, nama_mhs, tmpt_lahir, tgl_lahir, jenis_kelamin, agama,  
alamat, kota, kode_pos, no_telp)  
values ('2007140086', 'ADE CAHYADI', 'Bandung', '1987-08-17',  
'l', 'Islam', 'Jl. Raya Jakarta',  
'Jakarta', '54321', '0888999922');
```

```
insert into TblMahasiswa (nim, nama_mhs, tmpt_lahir, tgl_lahir, jenis_kelamin, agama,  
alamat, kota, kode_pos, no_telp)  
values ('2007140156', 'ARIZONA RH', 'Surabaya', '1985-02-10',  
'l', 'Islam', 'Jl. Perumnas 1 No. 11',  
'Tangerang', '21211', '0818787212');
```

```
select * from TblMahasiswa;
```

```
update TblMahasiswa set alamat = 'Jl. Jakarta 41 bulungan' where nim = '200714014';
```

```
select * from TblMahasiswa;
```

```
delete from TblMahasiswa where nim = '200714014';
```

```
select * from TblMahasiswa;
```

```

CREATE TABLE TblDosen(
    NoDos nchar(3) Not Null,
    NamaDos nchar(35) Not Null,
    TmptLahir nchar(25) Not Null,
    TglLahir datetime Not Null,
    JKelamin nchar(1) Not Null,
    Agama nchar(10) Not Null,
    Alamat nchar(100) Null,
    Kota nchar(25) Null,
    Kodepos nchar(5) Null,
    GajiPokok money Not Null,
    CONSTRAINT PK_Dosen Primary key (NoDos)
);

```

```

CREATE TABLE TblMatakuliah(
    KodeMK nchar(5) Not Null,
    NamaMK nchar(35) Not Null,
    SKS int Not Null,
    Semester nchar(1) Not Null,
    CONSTRAINT PK_Matakuliah Primary key (KodeMK)
);

```

```

CREATE TABLE TblJurusan(
    KodeJur nchar(3) Not Null,
    NamaJur nchar(35) Not Null,
    Jenjang nchar(2) Not Null,
    KaJur nchar(35) Not Null,
    CONSTRAINT PK_Jurusan Primary key (KodeJur)
);

```

```

CREATE TABLE TblMengajar(
    kodeMengajar nchar(5) not null,
    ThnAkademik nchar(4) Not Null,
    Semester nchar(1) Not Null,
    KodeMK nchar(5) Not Null,
    NoDos nchar(3) Not Null,
    Hari nchar(6) Not Null,
    JamKe nchar(1) Not Null,
    Kelas nchar(3) Not Null,

```

```
KodeJur nchar(3) Not Null,  
CONSTRAINT PK_Mengajar primary key (kodeMengajar));
```

```
ALTER TABLE TblMengajar  
ADD CONSTRAINT FK_Dosen Foreign Key (NoDos)  
REFERENCES TblDosen(NoDos)
```

```
ALTER TABLE TblMengajar  
ADD CONSTRAINT FK_Matakuliah Foreign Key (KodeMK)  
REFERENCES TblMatakuliah(KodeMK)
```

```
ALTER TABLE TblMengajar  
ADD CONSTRAINT FK_Jurusan Foreign Key (KodeJur)  
REFERENCES TblJurusan(KodeJur)
```

```
INSERT INTO TblDosen  
(NoDos, NamaDos, TmptLahir, TglLahir, JKelamin, Agama, Alamat,  
Kota, KodePos, GajiPokok)  
VALUES('269', 'ACHMAD BISRI', 'Jakarta', '1980-01-01',  
'L', 'Islam', 'Jl. Raya Jakarta', 'Jakarta',  
'12345', '5000000')
```

```
INSERT INTO TblDosen  
(NoDos, NamaDos, TmptLahir, TglLahir, JKelamin, Agama, Alamat,  
Kota, KodePos, GajiPokok)  
VALUES('270', 'ACHMAD UDIN ZAELANI', 'Jakarta', '1980-02-02',  
'L', 'Islam', 'Jl. Raya Pamulang', 'Jakarta',  
'12312', '3000000')
```

```
INSERT INTO TblDosen  
(NoDos, NamaDos, TmptLahir, TglLahir, JKelamin, Agama, Alamat,  
Kota, KodePos, GajiPokok)  
VALUES('271', 'BUDI', 'Bandung', '1975-05-02', 'L', 'Islam',  
'Jl. Raya Tangerang', 'Tangerang', '34211', '4500000')
```

```
INSERT INTO TblMatakuliah  
(KodeMK, NamaMK, SKS, Semester) VALUES('IF105', 'Sistem Digital', '2', '1')
```

```
INSERT INTO TblMatakuliah  
(KodeMK, NamaMK, SKS, Semester) VALUES('IF201', 'Komunikasi Data', '3', '2')
```

```
INSERT INTO TblMatakuliah  
(KodeMK, NamaMK, SKS, Semester) VALUES('IF202', 'Struktur Data', '4', '2')
```

```
INSERT INTO TblMatakuliah  
(KodeMK, NamaMK, SKS, Semester) VALUES('IF203', 'Matematika Diskrit', '2', '2')
```

```
INSERT INTO TblMatakuliah
```



```

(KodeMK, NamaMK, SKS, Semester) VALUES('IF204','Jaringan Komputer','2','2')
INSERT INTO TblMatakuliah
(KodeMK, NamaMK, SKS, Semester) VALUES('IF205','Sistem Operasi','2','2')
INSERT INTO TblMatakuliah
(KodeMK, NamaMK, SKS, Semester) VALUES('IF101','Pengantar Teknologi
Informasi','2','1')
INSERT INTO TblMatakuliah
(KodeMK, NamaMK, SKS, Semester) VALUES('IF102','Pengantar Aplikasi Komputer','2','1')
INSERT INTO TblMatakuliah
(KodeMK, NamaMK, SKS, Semester) VALUES('IF103','Algoritma dan Pemrograman','4','1')
INSERT INTO TblMatakuliah
(KodeMK, NamaMK, SKS, Semester) VALUES('IF104','Fisika Dasar','2','1')

INSERT INTO TblJurusan
(KodeJur, NamaJur, Jenjang, KaJur) VALUES('IF1','Teknik Informatika','S1',
'Ir. Atang Susila, M.Eng')
INSERT INTO TblJurusan
(KodeJur, NamaJur, Jenjang, KaJur) VALUES('IF2','Sistem Informasi','S1','Achmad Bisri,
S.Kom')
INSERT INTO TblJurusan
(KodeJur, NamaJur, Jenjang, KaJur) VALUES('IF3','Manajemen Informatika','D3',
'Achmad Udin Zaelani, S.Kom')

INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM001',
'2011','1','IF103','269','Senin','1','401','IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM002',
'2011','1','IF103','269','Senin','2','402','IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM003',
'2011','1','IF205','269','Senin','3','403','IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,
JamKe, Kelas, KodeJur) VALUES('KM004',
'2011','1','IF105','270','Rabu','1','408','IF1')
INSERT INTO TblMengajar
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,

```

```
JamKe, Kelas, KodeJur) VALUES('KM005',  
'2011','1','IF201','270','Rabu','2','416','IF1')  
INSERT INTO TblMengajar  
(kodeMengajar, ThnAkademik, Semester, KodeMK, NoDos, Hari,  
JamKe, Kelas, KodeJur) VALUES('KM006',  
'2011','1','IF202','270','Senin','1','408','IF1')
```

```
SELECT * FROM TblDosen
```

```
SELECT * FROM TblMatakuliah
```

```
SELECT * FROM TblJurusan
```

```
SELECT * FROM TblMengajar
```

```
SELECT NamaDos, JKelamin, Alamat, Kota  
FROM TblDosen
```

```
SELECT NamaDos, JKelamin, Alamat, Kota  
FROM TblDosen  
WHERE Kota = 'Tangerang'
```