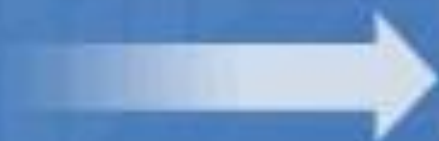

SQL

DML Statements

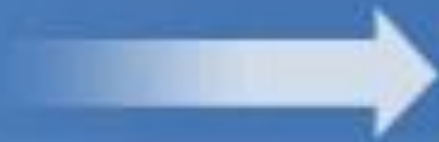
Primary Key



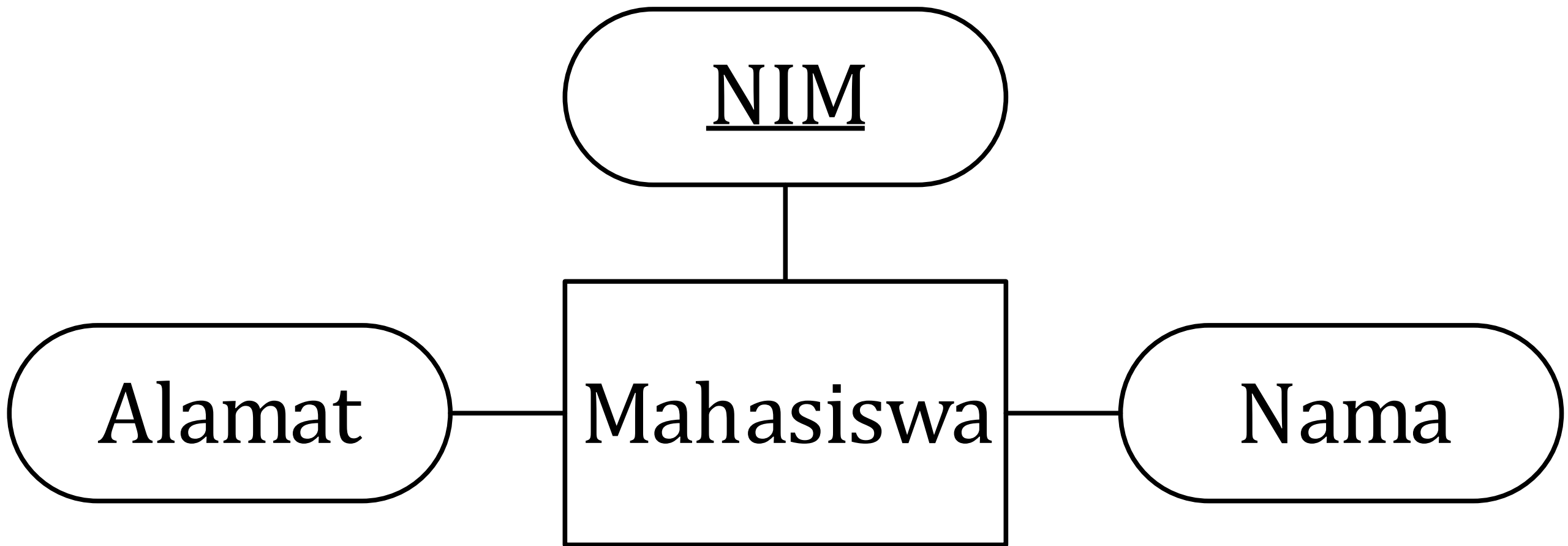
Assets	
Field Name	
Asset_ID	



Support	
Field Name	
Support_ID	



Suppliers	
Field Name	
Supplier_ID	



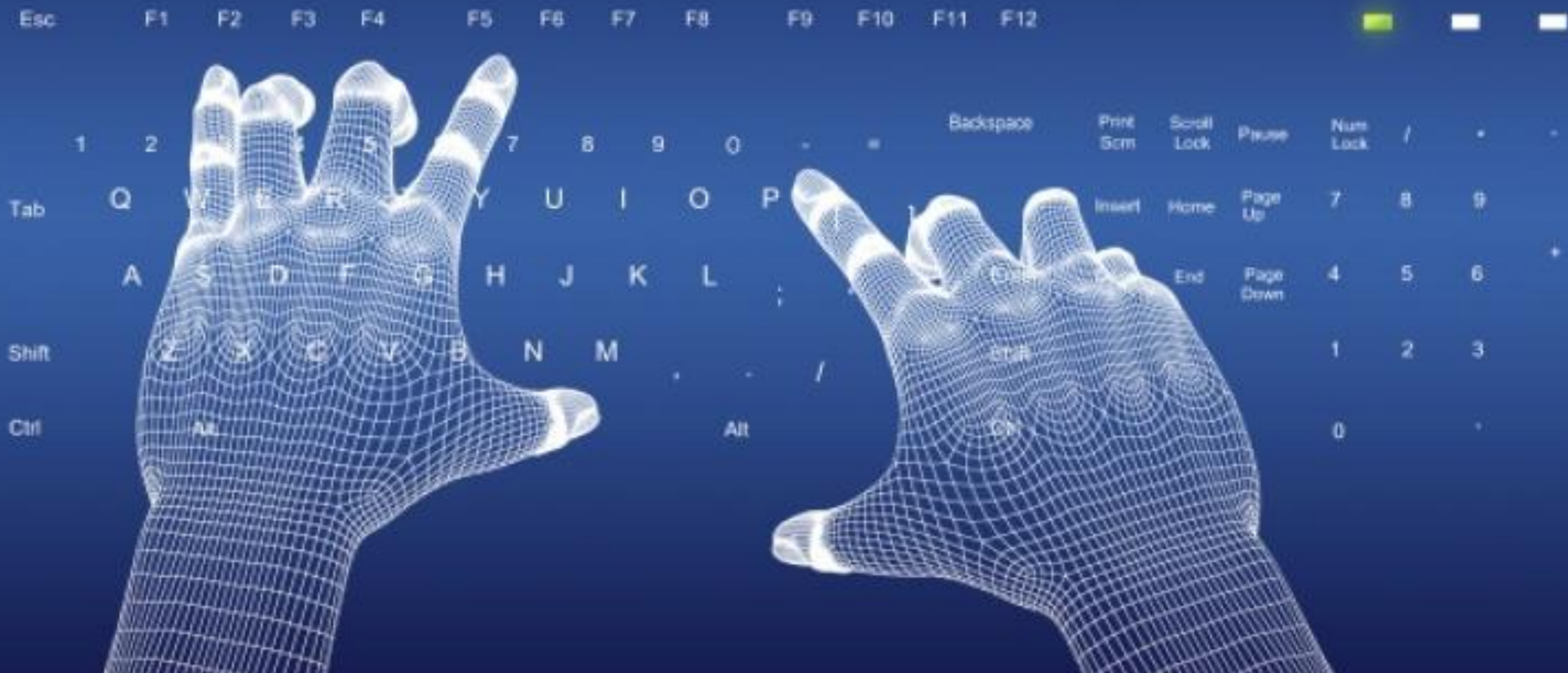
C **r** **E** **A** **T** **E**

```
CREATE TABLE Mahasiswa (  
  Nim CHAR(10) NOT NULL,  
  Nama VARCHAR(50) NOT NULL,  
  Alamat VARCHAR(75) NULL,  
  PRIMARY KEY (Nim)  
)
```

```
CREATE TABLE Mahasiswa (  
  Nim CHAR(10) PRIMARY KEY,  
  Nama VARCHAR(50) NOT NULL,  
  Alamat VARCHAR(75) NULL  
)
```

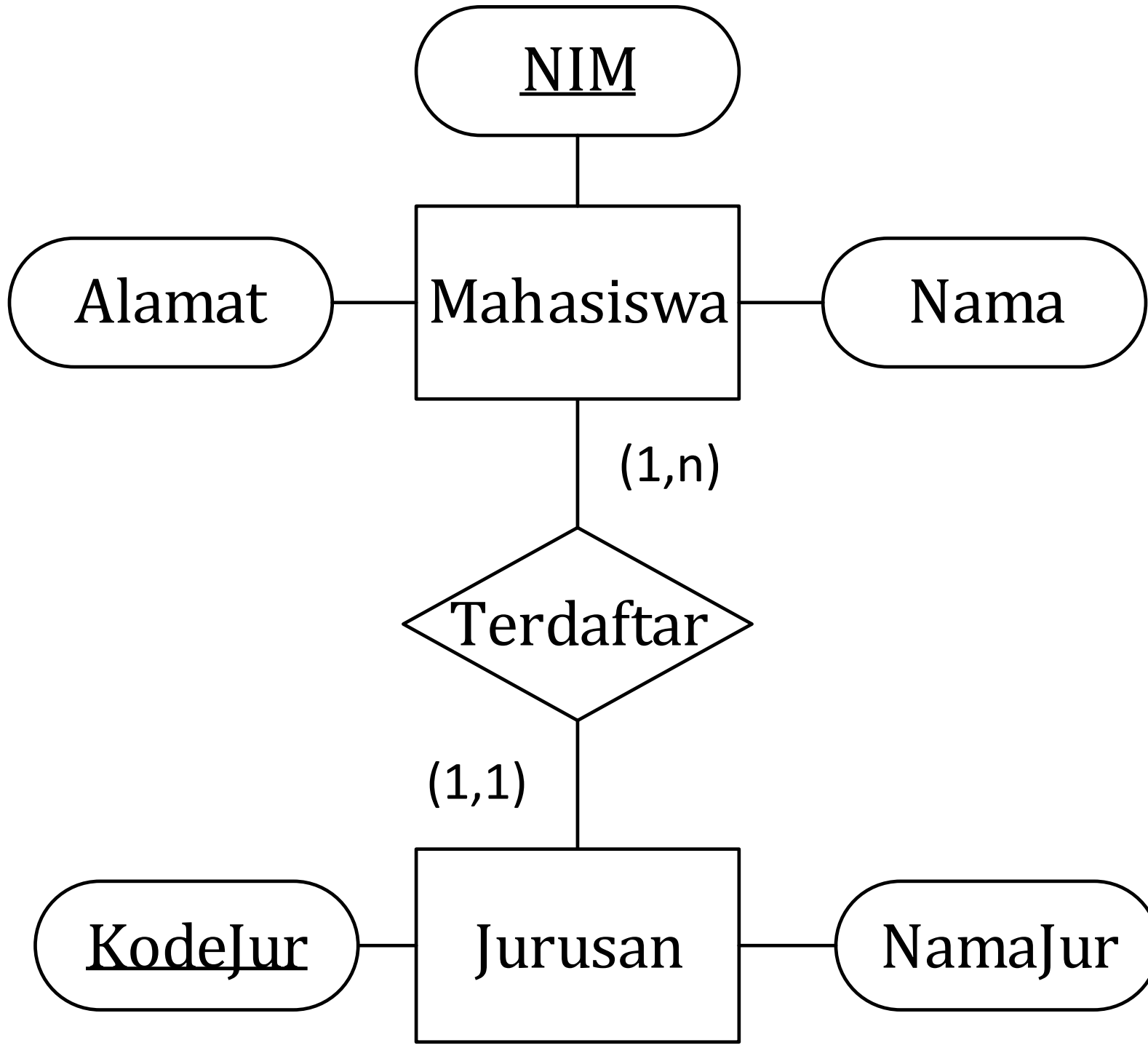
```
CREATE TABLE Mahasiswa (  
  Nim CHAR(10) NOT NULL,  
  Nama VARCHAR(50) NOT NULL,  
  Alamat VARCHAR(75) NULL,  
  CONSTRAINT pk_mahasiswa PRIMARY KEY (Nim)  
)
```

ALTER



```
ALTER TABLE Mahasiswa  
DROP PRIMARY KEY;
```

```
ALTER TABLE Mahasiswa  
ADD CONSTRAINT pk_mahasiswa  
PRIMARY KEY (Nim)
```




```
CREATE TABLE Mahasiswa (  
    Nim CHAR(10) PRIMARY KEY,  
    Nama VARCHAR(50) NOT NULL,  
    Alamat VARCHAR(75) NULL,  
    KodeJur CHAR(2) FOREIGN KEY REFERENCES Jurusan(KodeJur)  
)
```

```
CREATE TABLE Mahasiswa (  
    Nim CHAR(10) PRIMARY KEY,  
    Nama VARCHAR(50) NOT NULL,  
    Alamat VARCHAR(75) NULL,  
    KodeJur CHAR(2),  
    CONSTRAINT fk_mhs_jur FOREIGN KEY (KodeJur) REFERENCES Jurusan(KodeJur)  
)
```

```
ALTER TABLE Mahasiswa  
ADD CONSTRAINT fk_mhs_jur  
FOREIGN KEY (KodeJur)  
REFERENCES Jurusan (KodeJur)
```



<u>KodeJur</u>	NamaJur
12	Teknik Komputer
22	Komputer Akuntansi
32	Manajemen Informatika

<u>NIM</u>	Nama	Alamat	<u>KodeJur</u>
32121001	Aji	Jl. Abc 123	32
32121002	Bayu	Jl. Melati 10	32
12121001	Sonny	Jl. Ahmad Yani 121	12
12121002	Putra	Jl. Terate 15	12
22121001	Ali	Jl. Suka 12	22



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```
UPDATE [LOW_PRIORITY] [IGNORE] table_reference
SET col_name1={expr1|DEFAULT} [, col_name2={expr2|DEFAULT}] ...
[WHERE where_condition]
[ORDER BY ...]
[LIMIT row_count]
```

```
UPDATE nama_tabel  
SET nama_kolom = data_baru  
WHERE kondisi
```

Ubah nama Aji menjadi Aji Santoso

Ubah nama Bayu menjadi Bayu Adji dan alamatnya menjadi Jl. Sukarame 15


```
UPDATE Mahasiswa  
SET Nama='Aji Santoso`  
WHERE Nim='32121001';
```

```
UPDATE Mahasiswa  
SET Nama='Bayu Adji', Alamat='Jl. Sukarame 15`  
WHERE Nim='32121002';
```



Delete

Shift

```
DELETE [LOW_PRIORITY] [QUICK] [IGNORE] FROM tbl_name  
[WHERE where_condition]  
[ORDER BY ...]  
[LIMIT row_count]
```

```
DELETE FROM nama_tabel  
WHERE kondisi
```

Hapus data mahasiswa dengan NIM 12121002

```
DELETE FROM Mahasiswa  
WHERE Nim='12121002';
```