



Gehad ElSharkawy

DATABASE



Agenda

ADD Foreign key Constraint

DML (INSERT)

DML (UPDATE)

DML (DELETE)

DEMO

Add foreign key constraint

```
alter table product  
add constraint fk_Ci foreign key (CategoryID) references category(cID);
```



DML

DML is Data Manipulation Language which is used to modify in databases, add, retrieve and update.

(Insert, Update, delete,
Select)





INSERT



Syntax

`Insert into` table_name (col. 1 name, col. 2 name, col. 3 name,)
`values` (value 1, value 2, value 3, ...)

- Example:

```
insert into customer (CustomerID, CustomerN, gender, Phone, Caddress)  
values (1, 'gehad', 'f', 01112399884, 'elmohandseen')
```

```
insert into customer (CustomerID, CustomerN, gender, Phone, Caddress)  
values (2, 'sarah', 'f', 01133787665, 'eltagamo3')
```



UPDATE



Syntax

`update` table_name `set` column_name = new value `where` condition

Example:

```
update customer set Phone = '01238973837' where CustomerID=1
```




DELETE



Syntax

- `delete from` table_name `where` condition

Example:

```
delete from customer where CustomerID=3
```



SELECT

Retrieving Data



Syntax

- `select` column1, column2, ... `from` table_name
- Example:
- `select` CustomerN, Phone `from` customer;
- `select` * `from` table_name;
- Example:
- `select` * `from` customer;



Thank you



Gehad ElSharkawy

Gehad.magdi.moham
med@commerce.Helw
an.edu.eg