===
===

DML [Data Manipulation Language]
==

INSERT : This command is used to add the records inside the table.

Syntax-1:
INSERT INTO table_name VALUES
(v1,v2,..,vn),(v1,v2,..,vn),.....

Syntax-2:
INSERT INTO table_name (col1,col2,..,coln)
VALUES (v1,v2,..,vn),(v1,v2,..,vn), ...

[dql]
Syntax-3:
INSERT INTO table_name (SELECT statement);

==

====================================

INSERT INTO PRODUCT(PNAME,PRICE) VALUES
('Shoe',1200);

INSERT INTO CUSTOMER VALUES
(10,'Raju','Mysuru');

INSERT INTO PRODUCT(PNAME,PRICE) VALUES
('Shades',2000),('Shirt',1000),('Pant',1200);

UPDATE :

This command is used to modify the records that are present in the table.

Syntax:
```
UPDATE table_name
SET col1=v1[,col2=v2,..,coln=vn]
[WHERE filter_condition];
```

```
UPDATE PRODUCT
SET COUNTRY='USA'
WHERE ID=3;
```

```
UPDATE PRODUCT
```

```
SET PNAME='JACKET',PRICE=5000
WHERE ID=2;

UPDATE PRODUCT
SET COUNTRY='UK'
WHERE COUNTRY='INDIA';

UPDATE PRODUCT
SET PNAME='WATCH';
```

==
==

DELETE : This command is used to delete a particular record from the table.

Syntax:

```
DELETE FROM table_name
[WHERE condition];


DELETE FROM PRODUCT
WHERE ID=3;
```

===
===

Differences between TRUNCATE, DROP and DELETE

TRUNCATE : This command is used to erase all
the records permanently from the table but the
table structure remains same.

Syntax:

```
TRUNCATE TABLE table_name;
```

DROP : This command is used to delete the entire table from the database.

Syntax:
```
DROP TABLE table_name;
```

DELETE : This command is used to delete a particular record from the table.

Syntax:
```
DELETE FROM table_name
[WHERE condition];
```