

sql:-

mysql -u root -p

password:enter

create database databasename;

use databasename;

create table tablename(col1 type,col2 type...);

insert table tablename(col1,col2...)values(val1,val2...);

select *from tablename;

select *from tablename where id=1;

select col1name,col2name from tablename;

DROP TABLE "table_name"; //to delete table

show databases; //to show all databases list

alter table tablename add columnname type;

DELETE FROM table_name [WHERE condition];

ALTER TABLE old_table_name RENAME TO new_table_name; // to rename the table name

example: ALTER TABLE employee RENAME TO employeeit;

delete database completely:-

DROP DATABASE Database_Name;

IN Operator:-

The IN operator allows you to specify multiple values in a WHERE clause.

The IN operator is a shorthand for multiple OR conditions.

SELECT column_name(s)

FROM table_name

WHERE column_name IN (value1, value2, ...);

SELECT * FROM Customers

WHERE Country IN ('Germany', 'France', 'UK');

NOT IN

By using the NOT keyword in front of the IN operator, you return all records that are NOT any of the values in the list.

SELECT * FROM Customers

WHERE Country NOT IN ('Germany', 'France', 'UK');

SQL BETWEEN Operator:-

The BETWEEN operator selects values within a given range. The values can be numbers, text, or dates.

The BETWEEN operator is inclusive: begin and end values are included.

Syntax

SELECT column_name(s)

FROM table_name

WHERE column_name BETWEEN value1 AND value2;

SELECT * FROM Products

WHERE Price BETWEEN 10 AND 20;

NOT BETWEEN

To display the products outside the range of the previous example, use NOT BETWEEN:

```
SELECT * FROM Products  
WHERE Price NOT BETWEEN 10 AND 20;
```

BETWEEN with IN:

```
SELECT * FROM Products  
WHERE Price BETWEEN 10 AND 20  
AND CategoryID IN (1,2,3);
```

BETWEEN Text Values:-

```
SELECT * FROM Products  
WHERE ProductName BETWEEN 'Carnarvon Tigers' AND 'Mozzarella di Giovanni'  
ORDER BY ProductName;
```

NOT BETWEEN Text Values:-

```
SELECT * FROM Products  
WHERE ProductName NOT BETWEEN 'Carnarvon Tigers' AND 'Mozzarella di Giovanni'  
ORDER BY ProductName;
```

```
SELECT * FROM Orders  
WHERE OrderDate BETWEEN #07/01/1996# AND #07/31/1996#;
```

