A field with a NULL value is a field with no value.

If a field in a table is optional, it is possible to insert a new record or update a record without adding a value to this field. Then, the field will be saved with a NULL value.

**Note:** A NULL value is different from a zero value or a field that contains spaces. A field with a NULL value is one that has been left blank during record creation!

It is not possible to test for NULL values with comparison operators, such as =, <, or <>.

We will have to use the IS NULL and IS NOT NULL operators instead.

The IS NULL operator is used to test for empty values (NULL values).

The IS NOT NULL operator is used to test for non-empty values (NOT NULL values).

create table product(pid int,name varchar(20),quantity int,price float)

insert into product values(1,'laptop',100,45000)

insert into product values(2,'mouse',50,2000)

insert into product values(3,'chair',500,500)

insert into product values(4,'Fan',8,1200)

insert into product values(5,'CPU',75,15000)

insert into product (pid,name) values(6,'monitor')

select \* from product;

select \* from product where price is null;

select \* from product where price is not null;

insert into product (pid,quantity) values(7,30)

select name from product where price is not null;

select name from product where name is null;