

* Primary Key and Foreign Key :-

→ Primary Key :- It is a unique value that is used to identify a row in a table.

If you are thinking about unique constant, then you must to know the difference

* Unique Constant can store null value also
Primary Key cannot store null value.

Syntax :-

Create table tablename (
 Column 1 datatype,
 Column 2 datatype,
 - - - - -

Primary Key (column name)
);

→ A table can contain only one Primary Key.

→ Foreign Key :- It is a Key which is used to link two table together.

Foreign Key can have multiple null value.

Syntax :-

Create table tablename (
 Column 1 datatype,
 Column 2 datatype,
 - - - - -

Foreign Key [Column 1, - - -]
 References [Primary Key table name]
);

→ Let's Take Example :-

Roll No.	Name	Address
1	Atul	Delhi
2	Abhi	Mumbai
3	Zayn	Delhi

→ Primary Key.

Name and address are not unique.

Here Roll No is unique.

So we discussed before, Primary Key is unique and not null value.

Result table.

Math	Science	English
10%	80%	70%
90%	60%	20%
70%	50%	21%

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10%	80%	70%
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→ You want to check Roll no. 3 marks in maths, Foreign Key come into picture student table + Result table.

We have to add Primary Key in Result table which act as Foreign Key.

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 NOTES GALLERY (Telegram)

Foreign Key

Maths	Science	English	Roll no.
10%	80%	70%	1
90%	60%	20%	2
70%	30%	21%	3