

Day 55

02/05/2025

To not allow null in Table

Create table product (pid numeric(10) not null,

pname nvarchar(20) not null).

keyword

↓

not null

To make condition in Table

Create Table

product (pid numeric(10),

pname nvarchar(20),

price numeric(10)

check (price < 10))

keyword (constraint)

↓

check ( )

\* This condition will allow only price below 10.

\* The check will only allow if the condition is met or else it will not accept the value in the Table.

default.

Create table stud (sid numeric(10),  
sname varchar(30),  
Createdata datetime default  
getdate())

\* If we send value  
means it will take that value (or)  
else it will take default value

Keyword

default.

keyword to get  
datetime

getdate().

UNIQUE

\* This keyword only allow unique  
value in column.

Create table stud (sid numeric(10)  
UNIQUE, sname  
varchar(10))

\* UNIQUE will allow one  
NULL value. if we not NULL it will not  
allow NULL.



## PRIMARY KEY

\* The primary key is special column in a table that uniquely identifies each row

Create table stu (sid numeric(10)  
primary key,  
sname nvarchar(20))

\* primary key will not allow null value.

\* only one primary key per table.

## Composite primary key

can use multiple columns as a primary key.

Create table stu (sid numeric(10),  
sname varchar(20),  
saddress varchar(30),  
primary key (sid, sname))

## Composite Key

sid	<del>sname</del> sname	saddress
1	Tom	USA
1	Ram	India
2	Tom	USA

sid	subject	mark
1	Math	83
1	Eng	95
2	Math	91

- \* Student (1) can take different subject
- \* different student can take same subject