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**Day:22**

**Keys:**

**Primary Key:**

It is a column (*or set of columns*) in a table that helps to uniquely identify each row. a unique key. There is only 1 primary key & it should not be null.

**Foreign Key:**

It is a column (or set of columns) in a table that refers to the primary key of another table, Foreign key has duplicate and null values.

**Constraints :**

**SQL** Constraints are used to specify rules for data in a table.

**1) NOT NULL** –

Eg.

Co1 int NOT NULL

2)**UNIQUE**-

Eg.

Col2 int UNIQUE

3)**PRIMARY KEY**-

id int PRIMARY KEY

Eg.

CREATE TABLE temp (

Id INT NOT NULL,

PRIMARY KEY(id)

)

**4)FOREIGN KEY-**

**Eg**.

CREATE TABLE temp (

Cust \_id INT,

FOREIGN KEY(cust \_id) REFERENCES customer(id)

)

6)**DEFAULT:**

**Eg.**

Salary INT DEFAULT 250000;

**CHECK:**

**Eg.**

CREATE TABLE City (

Id INT PRIMARY KEY,

City VARCHAR(50),

Age INT,

CONSTRAINT age \_check//optional// CHECK (age >=18 AND city=”Delhi”)