**SQL CHECK:**

The CHECK constraint is used to limit the value range that can be placed in a column.

**Create table:**

use maulika;

CREATE TABLE Persons (

ID int(10) NOT NULL,

LastName varchar(255) NOT NULL,

FirstName varchar(255),

Age int(10),

CHECK (Age>=18),

CHECK (ID<=20)

);

select \* from persons;

describe persons;

**insert data:**

insert into persons Values(1,"patel","asha",20), (2,"soni","mayuri",25) ,(3,"modi","pihu",22) ,(4,"gandhi","krina",29) ;

select \* from persons;

insert into persons Values (20,"patel","daya",18);

select \* from persons;

**here they give error**

insert into persons Values (6,"patel","daya",17);

select \* from persons;

insert into persons Values (21,"patel","daya",20);

select \* from persons;

insert into persons Values (25,"patel","daya",15);

select \* from persons;

truncate table persons;

drop table persons;

**2 option**

use maulika;

CREATE TABLE Persons (

ID int(10) NOT NULL,

LastName varchar(255) NOT NULL,

FirstName varchar(255),

Age int(10)

);

select \* from persons;

describe persons;

**Add check condition:**

ALTER TABLE Persons  
ADD CHECK (Age>=18);

ALTER TABLE Persons  
ADD CHECK (ID <=10);

**insert data:**

insert into persons Values(1,"patel","asha",20), (2,"soni","mayuri",25) ,(3,"modi","pihu",22) ,(4,"gandhi","krina",29) ;

select \* from persons;

insert into persons Values (5,"patel","daya",18);

select \* from persons;

**here they give error**

1. **Age is less than 18, that’s why give error.**

insert into persons Values (6,"patel","daya",17);

select \* from persons;

**2.id is grater than 10, that’s why give error.**

insert into persons Values (12,"patel","daya",20);

select \* from persons;

truncate table persons;

drop table persons;