**Name: Atharva Salitri Division: CSAI B2**

**Roll No.: 37 PRN: 12310120**

**Subject: DBMS Lab Assignment 3**

**Title: DDL: Views**

**Complete Code:**

CREATE TABLE Student\_Details (

id INT(11),

name VARCHAR(30),

address VARCHAR(80)

);

CREATE TABLE Student\_Marks (

id INT(11),

name VARCHAR(30),

marks INT(50),

age INT(30)

);

INSERT INTO Student\_Details

VALUES

(1, 'Ram', 'Pune'),

(2, 'Shyam', 'Pune'),

(3, 'Vijay', 'Nashik'),

(4, 'Vinay', 'Nagar'),

(5, 'Sameer', 'Nagar');

INSERT INTO Student\_Marks

VALUES

(1, 'Ram', 89, 18),

(2, 'Shyam', 76, 19),

(3, 'Vijay', 83, 19),

(4, 'Vinay', 80, 18),

(5, 'Sameer', 67, 18);

CREATE VIEW v2 AS

SELECT name,address

FROM Student\_Details;

CREATE VIEW v3 AS

SELECT id,name

FROM Student\_Details

ORDER BY name;

CREATE VIEW Marksview AS

SELECT Student\_Details.id,Student\_Details.name, Student\_Marks.marks

FROM Student\_Details,Student\_Marks

WHERE Student\_Details.name=Student\_Marks.name;

CREATE VIEW PoorPerformer AS

SELECT MIN(marks)

FROM Marksview;

CREATE VIEW BestPerformer AS

SELECT MAX(marks)

FROM Marksview;

CREATE OR REPLACE VIEW Marksview

AS SELECT Student\_Details.id, Student\_Details.name, Student\_Marks.marks, Student\_Marks.age

FROM Student\_Details, Student\_Marks

WHERE Student\_Details.name=Student\_Marks.name;

INSERT INTO v2(name,address) VALUES("Riya","Mumbai");

DELETE FROM v2 WHERE name="Vinay";

**OUTPUT:**

CREATE TABLE Student\_Marks (

id INT(11),

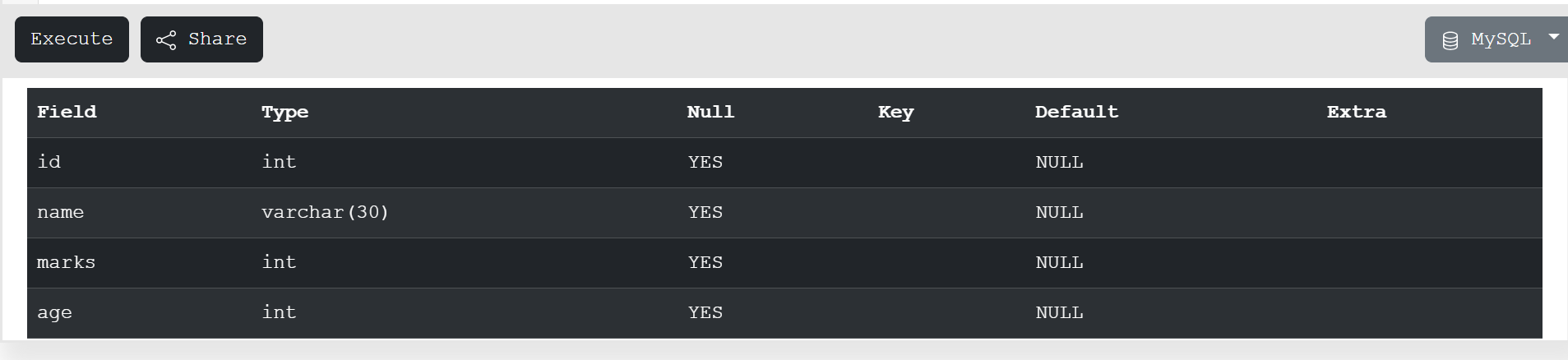
name VARCHAR(30),

marks INT(50),

age INT(30)

);

DESC Student\_Marks;



CREATE TABLE Student\_Details (

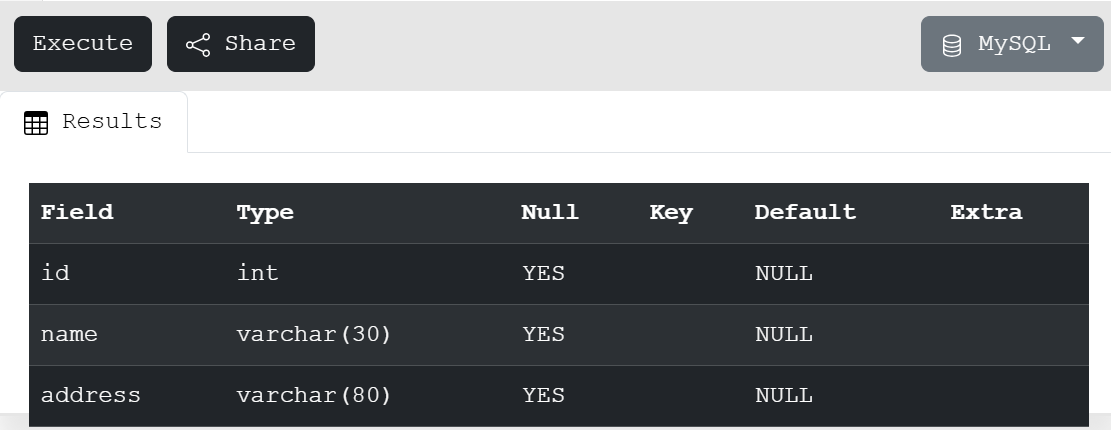
id INT(11),

name VARCHAR(30),

address VARCHAR(80)

);

DESC Student\_Details;



INSERT INTO Student\_Marks

VALUES

(1, 'Ram', 89, 18),

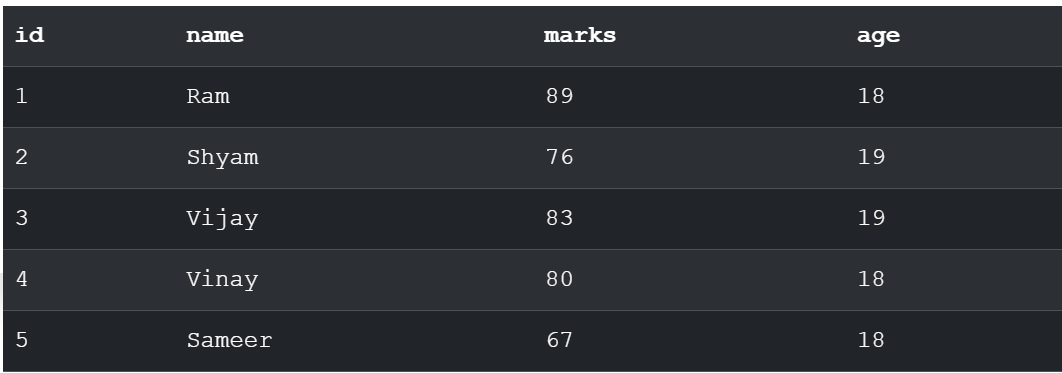
(2, 'Shyam', 76, 19),

(3, 'Vijay', 83, 19),

(4, 'Vinay', 80, 18),

(5, 'Sameer', 67, 18);

SELECT \* FROM Student\_Marks;



INSERT INTO Student\_Details

VALUES

(1, 'Ram', 'Pune'),

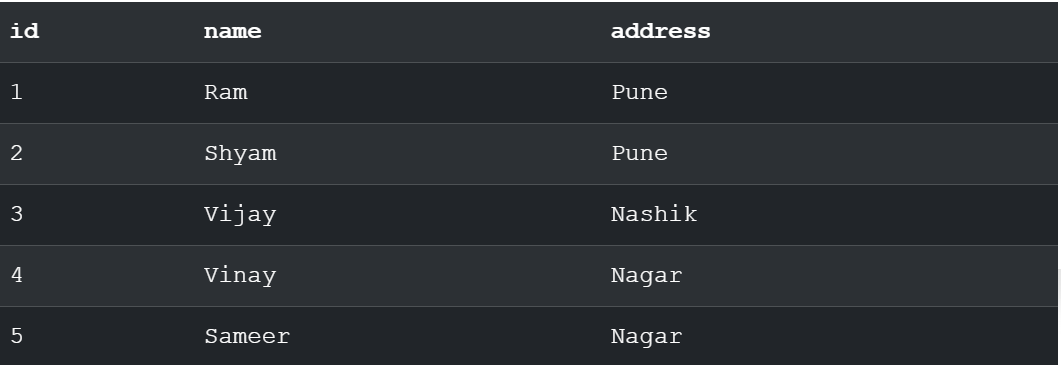
(2, 'Shyam', 'Pune'),

(3, 'Vijay', 'Nashik'),

(4, 'Vinay', 'Nagar'),

(5, 'Sameer', 'Nagar');

SELECT \* FROM Student\_Details;

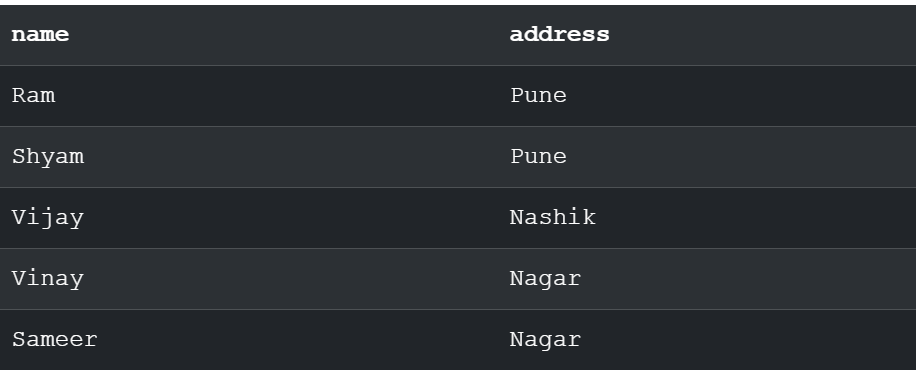


CREATE VIEW v2 AS

SELECT name,address

FROM Student\_Details;

SELECT \* FROM v2;



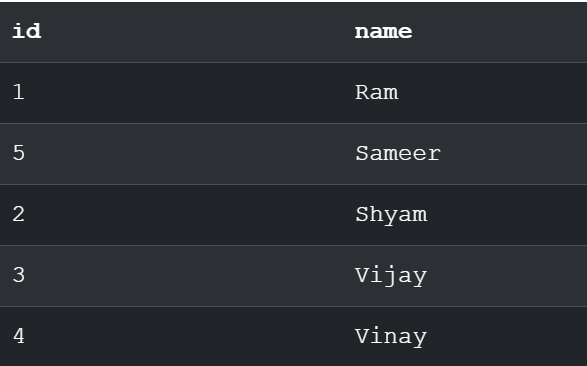
CREATE VIEW v3 AS

SELECT id,name

FROM Student\_Details

ORDER BY name;

SELECT \* FROM v3;



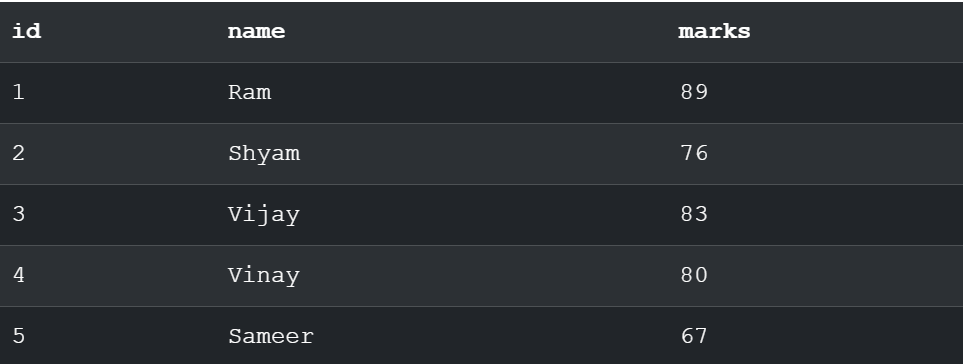
CREATE VIEW Marksview AS

SELECT Student\_Details.id,Student\_Details.name, Student\_Marks.marks

FROM Student\_Details,Student\_Marks

WHERE Student\_Details.name=Student\_Marks.name;

SELECT \* FROM Marksview;

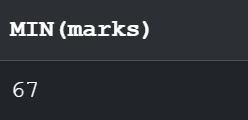


CREATE VIEW PoorPerformer AS

SELECT MIN(marks)

FROM Marksview;

SELECT \* FROM PoorPerformer;

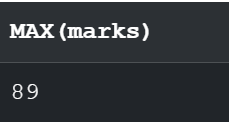


CREATE VIEW BestPerformer AS

SELECT MAX(marks)

FROM Marksview;

SELECT \* FROM BestPerformer;



DROP VIEW v3;

SELECT \* FROM v3;



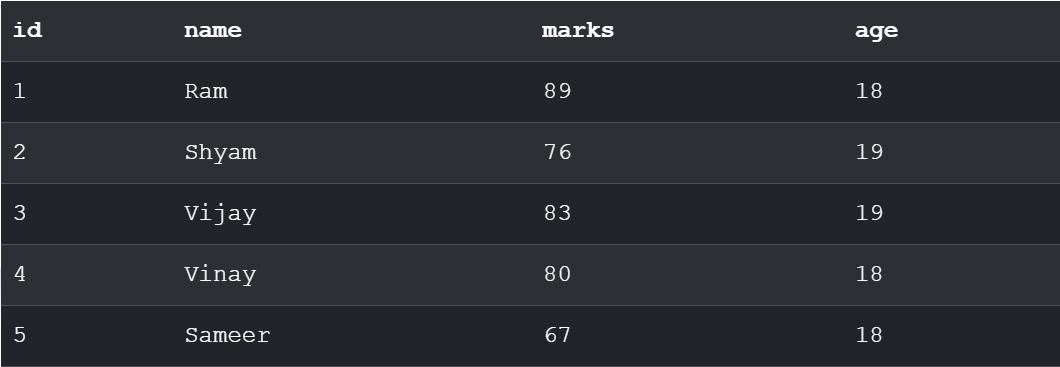
CREATE OR REPLACE VIEW Marksview

AS SELECT Student\_Details.id, Student\_Details.name, Student\_Marks.marks, Student\_Marks.age

FROM Student\_Details, Student\_Marks

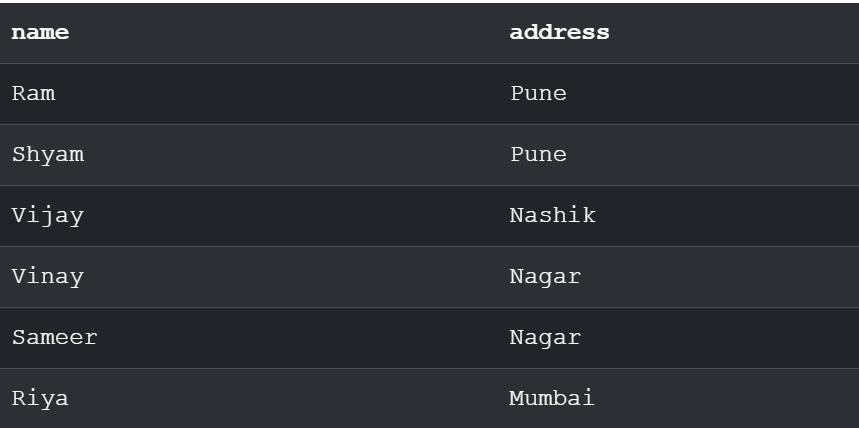
WHERE Student\_Details.name=Student\_Marks.name;

SELECT \* FROM Marksview;



INSERT INTO v2(name,address) VALUES("Riya","Mumbai");

SELECT \* FROM v2;



DELETE FROM v2 WHERE name="Vinay";

SELECT \* FROM v2;

