Create Table students10 (

student\_id Int,

name Varchar(50),

course Varchar(50),

marks Int,

age Int,

city Varchar(50),

scholarship Int

);

Insert Into students10 Values

(1, 'Ravi', 'Math', 85, 20, 'Chennai', Null),

(2, 'Priya', 'Science', 92, 21, 'Delhi', 10000),

(3, 'Amit', 'English', 75, 19, 'Mumbai', 5000),

(4, 'Sneha', 'Math', 88, 22, 'Kolkata', Null),

(5, 'John', 'History', 67, 20, 'Chennai', Null),

(6, 'Meena', 'Science', 95, 23, 'Delhi', 15000),

(7, 'Karan', 'English', 70, 20, 'Bangalore', 3000),

(8, 'Divya', 'History', 80, 22, 'Mumbai', Null);

1. Display students with marks between 70 and 90

Select \* from students10

where marks between 70 and 90;

2. List students aged between 20 and 22

Select \* from students10

where age between 20 and 22;

3. Find students whose name starts with 'P'

Select \* from students10

where name like 'P%';

4. Find students whose city contains 'ai'

Select \* from students10

where city like '%ai%';

5. Find names where the second character is 'r'

Select \* from students10

where name like '\_r%';

6. Show top 3 students with highest marks

Select \* from students10

order by marks desc

limit 3;

7. Show students who have a scholarship

Select \* from students10

where scholarship is not null;

8. Show students only if there is at least one student from 'Delhi'

Select \* from students10

where exists (Select 1 from students10 where city = 'Delhi');

9. Show students in 'Math' course AND age > 21

Select \* from students10

where course = 'Math' and age > 21;

10. Show students in 'Science' OR 'English' course

Select \* from students10

where course in ('Science', 'English');

11. Show students NOT from 'Mumbai'

Select \* from students10

where city <> 'Mumbai';

12. Show students who don’t have a scholarship

Select \* from students10

where scholarship is null;

13. Replace NULL scholarship with 0 using IFNULL

Select student\_id, name, course, marks, age, city,

ifnull(scholarship, 0) as scholarship

from students10;

14. Replace NULL scholarship with 0 using COALESCE

Select student\_id, name, course, marks, age, city,

coalesce(scholarship, 0) as scholarship

from students10;