# SQL Queries for students10 Table

-- 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;