1.Display students with marks between 70 and 90

```sql
SELECT *

FROM students10

WHERE marks BETWEEN 70 AND 90;
```

2. List students aged between 20 and 22

```sql
SELECT *

FROM students10

WHERE age BETWEEN 20 AND 22
```

3. Find students whose name starts with 'P'

```sql
SELECT *

FROM students10

WHERE name LIKE 'P%';
```

4. Find students whose city contains 'ai'

```sql
SELECT *

FROM students10

WHERE city LIKE '%ai%';
```

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

```sql
SELECT *

FROM students10

WHERE name LIKE '_r%';
```

6. Show top 3 students with highest marks

```sql
SELECT *

FROM students10

ORDER BY marks DESC

LIMIT 3;
```

7. Show students who have a scholarship

```sql
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, IFNULL(scholarship, 0) AS scholarship

FROM students10;

14. Replace NULL scholarship with 0 using COALESCE

SELECT student_id, name, COALESCE(scholarship, 0) AS scholarship

FROM students10;