**-- WITH USE OF INNER JOIN PRINT THE ONLY MATH SUBJECT STUDENT NAME AND MARKS --**

SELECT students.student\_name, marks.marks\_obtained as math

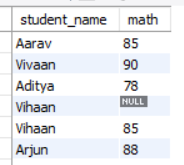
FROM marks

INNER JOIN students ON marks.student\_id = students.student\_id

INNER JOIN subject ON marks.subject\_id = subject.subject\_id

WHERE subject.subject\_name = 'Math'

ORDER BY students.student\_id;



**-- WITH USE OF INNER JOIN PRINT THE ONLY ENGLISH SUBJECT STUDENT NAME AND MARKS --**

SELECT students.student\_name, marks.marks\_obtained as english

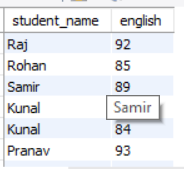
FROM marks

INNER JOIN students ON marks.student\_id = students.student\_id

INNER JOIN subject ON marks.subject\_id = subject.subject\_id

WHERE subject.subject\_name = 'English'

ORDER BY students.student\_id;



**-- ALL STUDENT RESULT –**

SELECT

students.student\_name,

subject.subject\_name,

marks.marks\_obtained,

marks.grade,

result.total\_marks\_obtained,

result.result\_status

FROM students

INNER JOIN marks ON students.student\_id = marks.student\_id

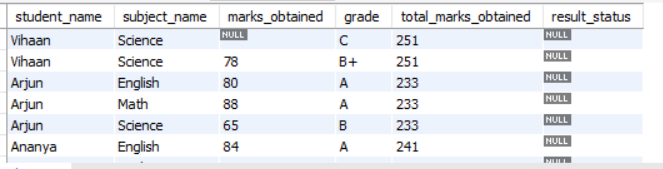
INNER JOIN subject ON marks.subject\_id = subject.subject\_id

INNER JOIN result ON students.student\_id = result.student\_id

ORDER BY

students.student\_id,

subject.subject\_name;

****

**-- 1 student all marks –**

SELECT

students.student\_name,

subject.subject\_name,

marks.marks\_obtained,

marks.grade,

result.total\_marks\_obtained,

result.result\_status

FROM

students

INNER JOIN marks ON students.student\_id = marks.student\_id

INNER JOIN subject ON marks.subject\_id = subject.subject\_id

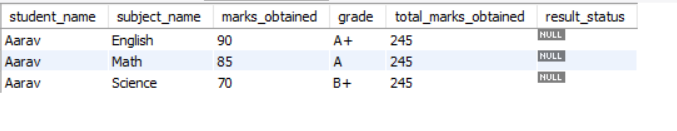
INNER JOIN result ON students.student\_id = result.student\_id

WHERE

students.student\_id = 1

ORDER BY

subject.subject\_name;



**-- HIGHEST MARKS of math subject –**

SELECT

students.student\_name,

marks.marks\_obtained AS highest\_marks\_of\_math

FROM

marks

INNER JOIN subject ON marks.subject\_id = subject.subject\_id

INNER JOIN students ON marks.student\_id = students.student\_id

WHERE

subject.subject\_name = 'Math'

ORDER BY

marks.marks\_obtained DESC

LIMIT 1;



**-- LOWEST MARKS of math subject –**

SELECT

students.student\_name,

marks.marks\_obtained AS highest\_marks\_of\_math

FROM

marks

INNER JOIN subject ON marks.subject\_id = subject.subject\_id

INNER JOIN students ON marks.student\_id = students.student\_id

WHERE

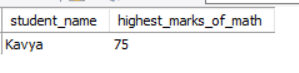
subject.subject\_name = 'Math'

AND marks.marks\_obtained IS NOT NULL

ORDER BY

marks.marks\_obtained ASC

LIMIT 1;



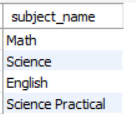
**-- SUBJECT detail –**

SELECT

subject.subject\_name

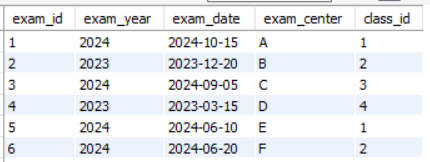
FROM

subject;



**-- exams detail –**

SELECT \* FROM exam;

****

**-- Gender of students—**

SELECT

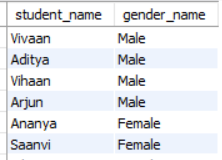
students.student\_name,

gender.gender\_name

FROM

students

INNER JOIN gender ON students.gender\_id = gender.gender\_id;



**-- SCIENCE SUBJEC FINAL RESULT—**

SELECT

students.student\_id,

students.student\_name,

SUM(CASE WHEN marks.subject\_id = 2 THEN marks.marks\_obtained ELSE 0 END) AS science,

SUM(CASE WHEN marks.subject\_id = 4 THEN marks.marks\_obtained ELSE 0 END) AS science\_practical,

SUM(CASE WHEN marks.subject\_id IN (2, 4) THEN marks.marks\_obtained ELSE 0 END) AS total\_marks

FROM

students

INNER JOIN

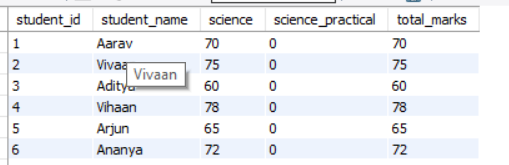
marks ON students.student\_id = marks.student\_id

WHERE

marks.subject\_id IN (2, 4)

GROUP BY

students.student\_id, students.student\_name;

****

**-- course code—**

SELECT

subject\_name,

subject\_code

FROM

subject;

-- grade add—

