SQL FIDDLE QUERIES

1. SELECT AVG(grade) AS average\_grade

FROM Enrollments;

2. SELECT s.name AS student\_name, c.course\_name

FROM Students s

JOIN Enrollments e ON s.student\_id = e.student\_id

JOIN Courses c ON e.course\_id = c.course\_id;

3. SELECT grade\_level, COUNT(\*) AS student\_count

FROM Students

GROUP BY grade\_level;

4. SELECT c.course\_name, MAX(e.grade) AS max\_grade

FROM Courses c

JOIN Enrollments e ON c.course\_id = e.course\_id

GROUP BY c.course\_name;

5. SELECT AVG(e.grade) AS average\_grade

FROM Enrollments e

JOIN Students s ON e.student\_id = s.student\_id

WHERE s.grade\_level = 3;

6. SELECT s.name AS student\_name, c.course\_name, c.credits

FROM Students s

JOIN Enrollments e ON s.student\_id = e.student\_id

JOIN Courses c ON e.course\_id = c.course\_id;

7. SELECT c.course\_name

FROM Courses c

JOIN Enrollments e ON c.course\_id = e.course\_id

GROUP BY c.course\_name

HAVING AVG(e.grade) > 3.0;

8. SELECT s.name

FROM Students s

WHERE s.student\_id NOT IN (

SELECT e.student\_id

FROM Enrollments e

WHERE e.grade = 4.0

);

9. SELECT s.name

FROM Students s

JOIN Enrollments e ON s.student\_id = e.student\_id

GROUP BY s.student\_id

HAVING AVG(e.grade) > (SELECT AVG(grade) FROM Enrollments);

10. SELECT s.name AS student\_name, COUNT(e.course\_id) AS total\_courses, AVG(e.grade) AS average\_grade

FROM Students s

LEFT JOIN Enrollments e ON s.student\_id = e.student\_id

GROUP BY s.student\_id;