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CREATE TABLE student_21_(roll_no int primary key,Physics int,Chemistry int,Mathematics int);

INSERT INTO student_21_ VALUES (1,15,25,35);

INSERT INTO student_21_ VALUES (2,10,14,30);

INSERT INTO student_21_ VALUES (3,20,22,45);

INSERT INTO student_21_ VALUES (4,12,11,20);

INSERT INTO student_21_ VALUES (5,10,20,35);

INSERT INTO student_21_ VALUES (6,22,24,40);

INSERT INTO student_21_ VALUES (7,14,16,25);

INSERT INTO student_21_ VALUES (8,19,21,42);

INSERT INTO student_21_ VALUES (9,16,13,27);

INSERT INTO student_21_ VALUES (10,21,23,50);


SELECT * FROM student_21_;

1.SELECT avg(Physics) AS class_average_physics FROM student_21_;

2.SELECT max(Mathematics) AS highest_marks_maths FROM student_21_;

3.SELECT min(Chemistry) AS lowest_mark_chemistry FROM student_21_;

4.SELECT COUNT(*) AS pass_physics_count FROM student_21_ WHERE Physics>=12;

5.SELECT roll_no FROM student_21_ WHERE physics >= 1 AND chemistry >= 12 AND mathematics >=
25;

6.alter table student_21_ add pass VARCHAR2(30);

update student_21_ set Pass='pass' where physics >= 12 and chemistry >= 12 and mathematics >=
25;

update student_21_ set Pass='fail' where physics < 12 or  chemistry < 12 or mathematics < 25;

select * from student_21_;

7.SELECT COUNT(*) * 100 / 10

FROM student_21_

WHERE mathematics >= 25;

8.SELECT COUNT(*) * 100 / 10

FROM student_21_

WHERE physics >= 12

AND chemistry >= 12

AND mathematics >= 25;
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9.SELECT AVG(physics + chemistry + mathematics)

FROM student_21_;

10.SELECT COUNT(*)

FROM student_21_

WHERE physics >= 12

AND chemistry >= 12

AND mathematics >= 25;