create table student\_exp7\_csa\_05(roll\_no number(2) primary key,name varchar(10),physics number(2),chemistry number(2),mathematics number(2));

table created.

insert into student\_exp7\_csa\_05 values(1,'Adithyan',19,13,50);

insert into student\_exp7\_csa\_05 values(2,'Alan',21,23,48);

insert into student\_exp7\_csa\_05 values(3,'Akhil',10,15,39);

insert into student\_exp7\_csa\_05 values(4,'Aparna',16,9,46);

insert into student\_exp7\_csa\_05 values(5,'Biniya',23,21,36);

insert into student\_exp7\_csa\_05 values(6,'Charlie',8,6,34);

insert into student\_exp7\_csa\_05 values(7,'Dayana',14,21,43);

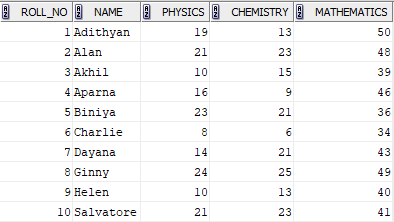
insert into student\_exp7\_csa\_05 values(8,'Ginny',24,25,49);

insert into student\_exp7\_csa\_05 values(9,'Helen',10,13,40);

insert into student\_exp7\_csa\_05 values(10,'Salvatore',21,23,41);

10 rows inserted.

select \* from student\_exp7\_csa\_05;



select avg(physics) from student\_exp7\_csa\_05;



select max(mathematics) as highest\_marks\_maths from student\_exp7\_csa\_05;



select min(chemistry) as lowest\_marks\_chemistry from student\_exp7\_csa\_05;



select count(physics) from student\_exp7\_csa\_05 where physics>=12;



select count(name) from student\_exp7\_csa\_05 where physics>=12 and chemistry>=12 and mathematics>=25;



alter table student\_exp7\_csa\_05 add total\_marks int;

table altered

update student\_exp7\_csa\_05 set total\_marks=chemistry+mathematics+physics;

10 rows updated

alter table student\_exp7\_csa\_05 add result varchar(1);

table altered

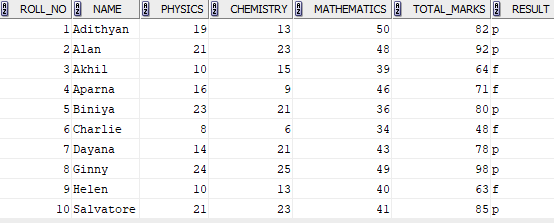
update student\_exp7\_csa\_05 set result='p' where physics>=12 and chemistry>=12 and mathematics>=25;

6 rows updated

update student\_exp7\_csa\_05 set result='f' where physics<12 or chemistry<12 or mathematics<25;

4 rows updated

select \* from student\_exp7\_csa\_05;



select count(name)\*10 as pass\_percent\_maths from student\_exp7\_csa\_05 where mathematics>=25;



select count(name)\*10 as pass\_percent from student\_exp7\_csa\_05 where result='p';



select avg(total\_marks) as class\_average from student\_exp7\_csa\_05;



select count(name) as passed\_students from student\_exp7\_csa\_05 where result='p';

