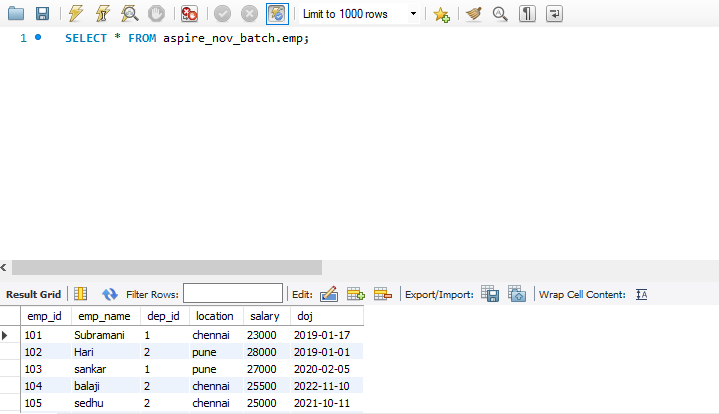
**PL SQL Task 22.11.2024**

**1)**Create a Stored Procedure that takes employee id as IN parameter and updated salary as OUT parameter.

Then update the salary of the employee

Before Update:



After create procedure and updated:

delimiter //

create procedure get\_UpdatedSalary(in id int,out updated\_salary numeric)

begin

declare current\_salary numeric;

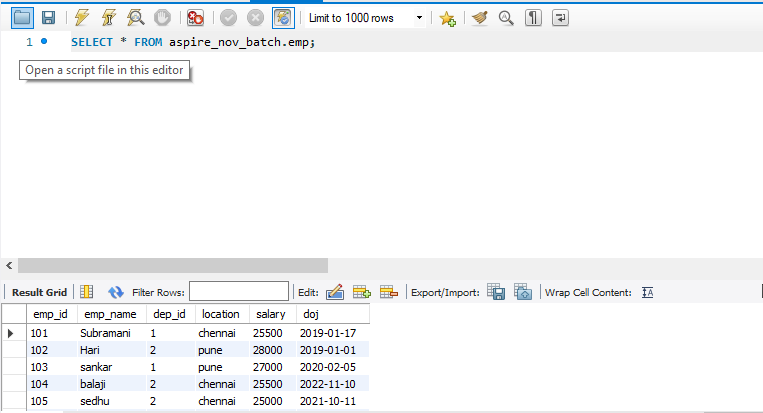
select salary into current\_salary from emp where emp\_id = id;

set updated\_salary = current\_salary +2500;

update emp set salary = updated\_salary where emp\_id = id;

end;//

call get\_UpdatedSalary(101,@emp);



2)Create a function that takes location as an argument and display the details of

all employees in the specified location.

delimiter //

create function get\_employeeDetails(loc varchar(50))

returns boolean

deterministic

begin

drop temporary table if exists temp\_table;

create temporary table if not exists temp\_table as

select \* from emp where location = loc;

return true;

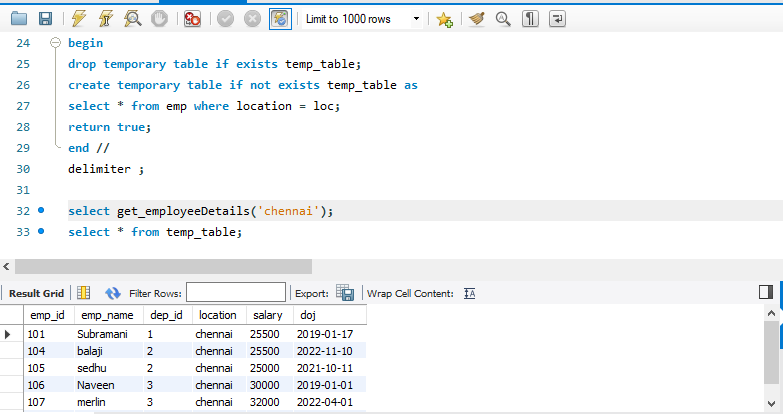
end //

delimiter ;

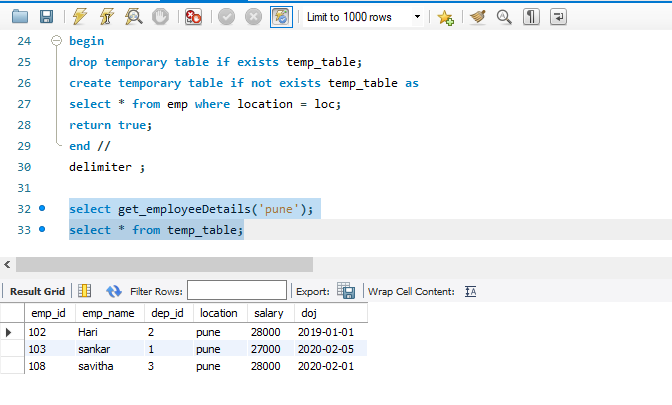
select get\_employeeDetails('chennai');

select \* from temp\_table;

Chennai location :



Pune location:



3)Create a view to display the employeeId, departmentname of all employees in "TN" and "TA" departments who joined in 2022

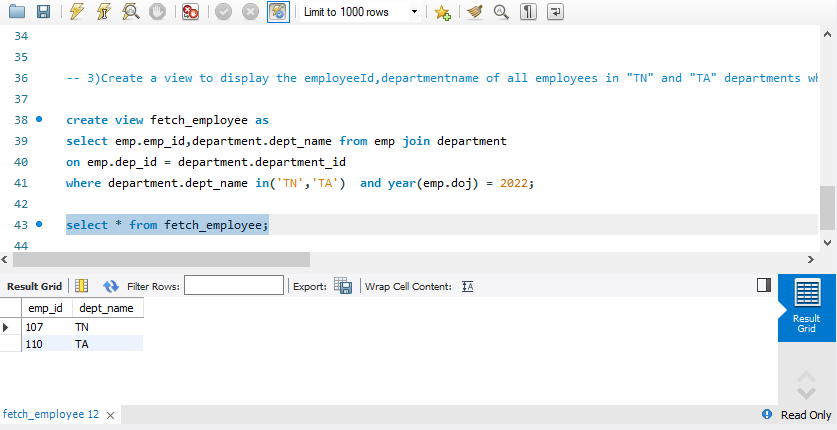
create view fetch\_employee as

select emp.emp\_id,department.dept\_name from emp join department

on emp.dep\_id = department.department\_id

where department.dept\_name in('TN','TA') and year(emp.doj) = 2022;

select \* from fetch\_employee;



4)Create a trigger that fire After insertion in the employee table by updating the count in the department

delimiter //

create trigger get\_trigger

after insert on emp

for each row

begin

update department

set emp\_count = emp\_count+1

where department\_id = new.dep\_id;

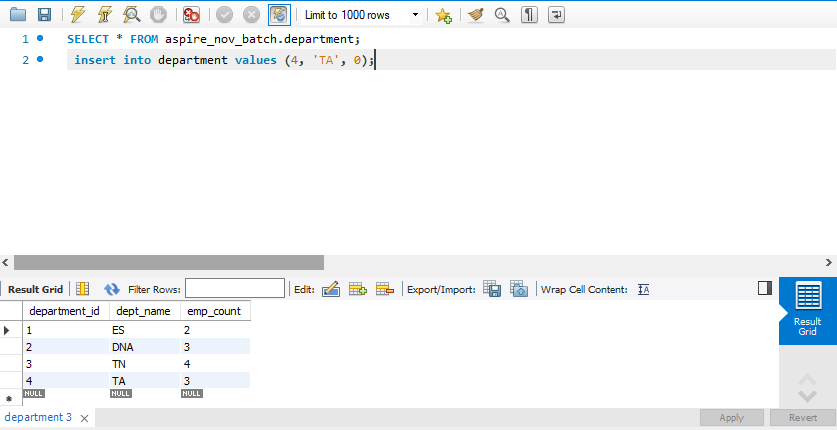
end; //

select \* from emp;

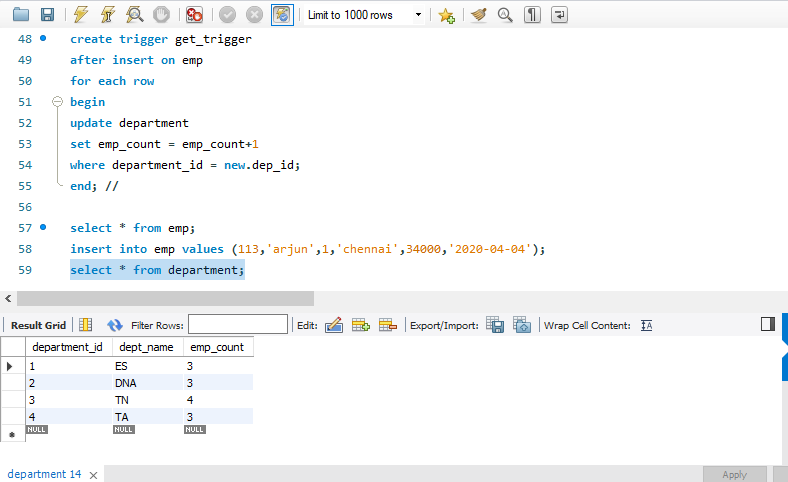
insert into emp values (113,'arjun',1,'chennai',34000,'2020-04-04');

select \* from department;

Before inserting new record ‘ES’ :



After inserting new record ‘ES’:



5)Create a trigger that fire after update salary in the employee table. Store the updated employee details in another table

delimiter //

create trigger store\_anotherTable

after update on emp

for each row

begin

if old.salary <> new.salary then

insert into updatedsalaryetails (emp\_id, emp\_name, dep\_id, location, old\_salary,new\_salary, doj)

values (new.emp\_id, new.emp\_name, new.dep\_id, new.location, old.salary, new.salary, new.doj);

END IF;

end //

update emp

set salary = 27000 where emp\_id = 112;

select \* from updatedsalaryetails;

