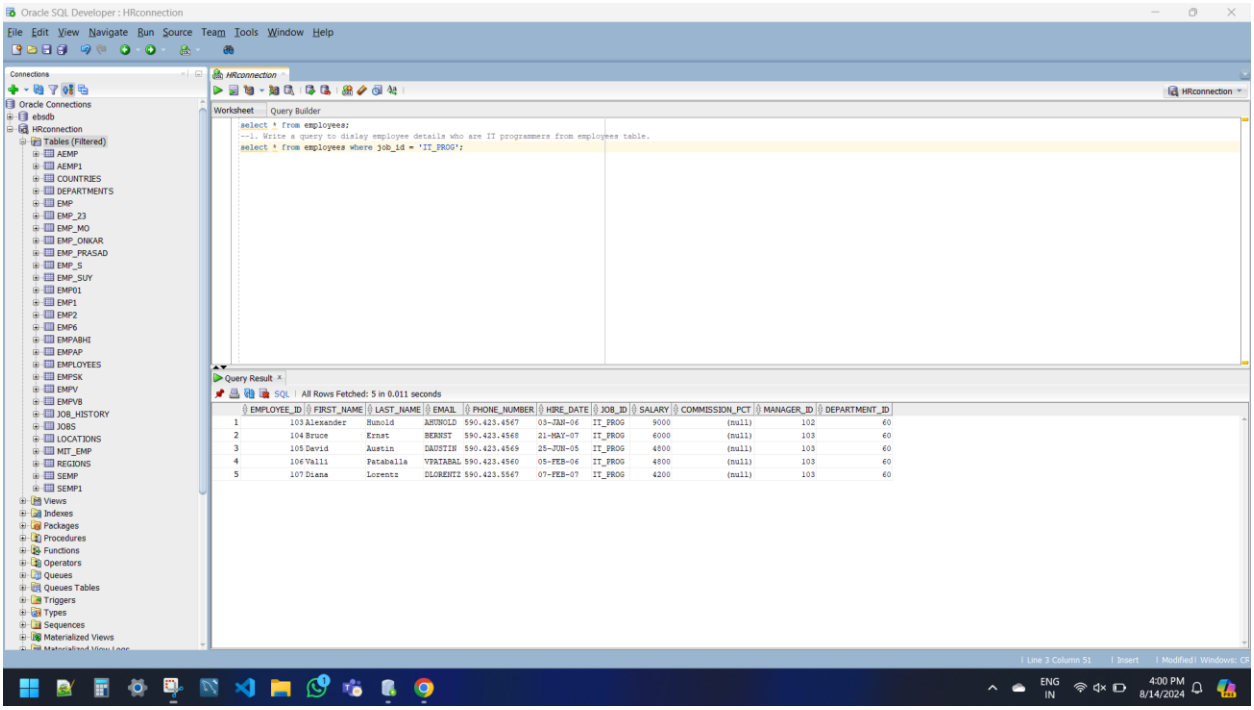
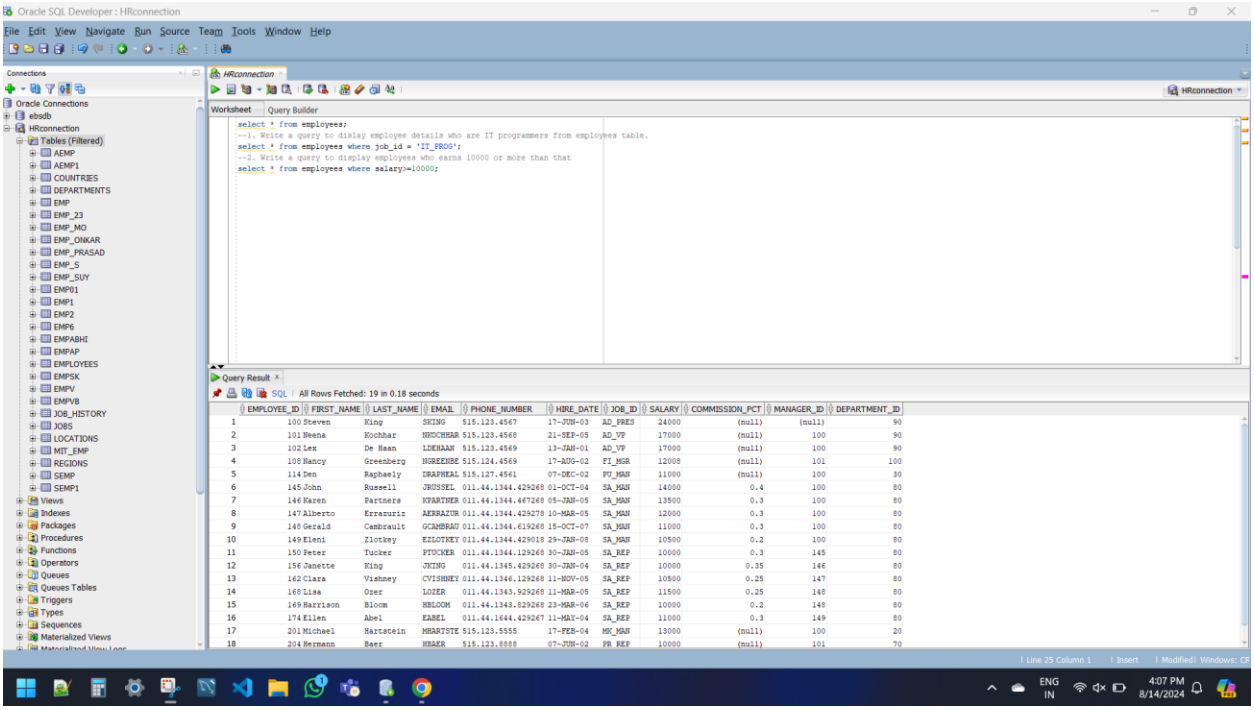
--1. Write a query to dislay employee details who are IT programmers from employees table.

select * from employees where job_id = 'IT_PROG';



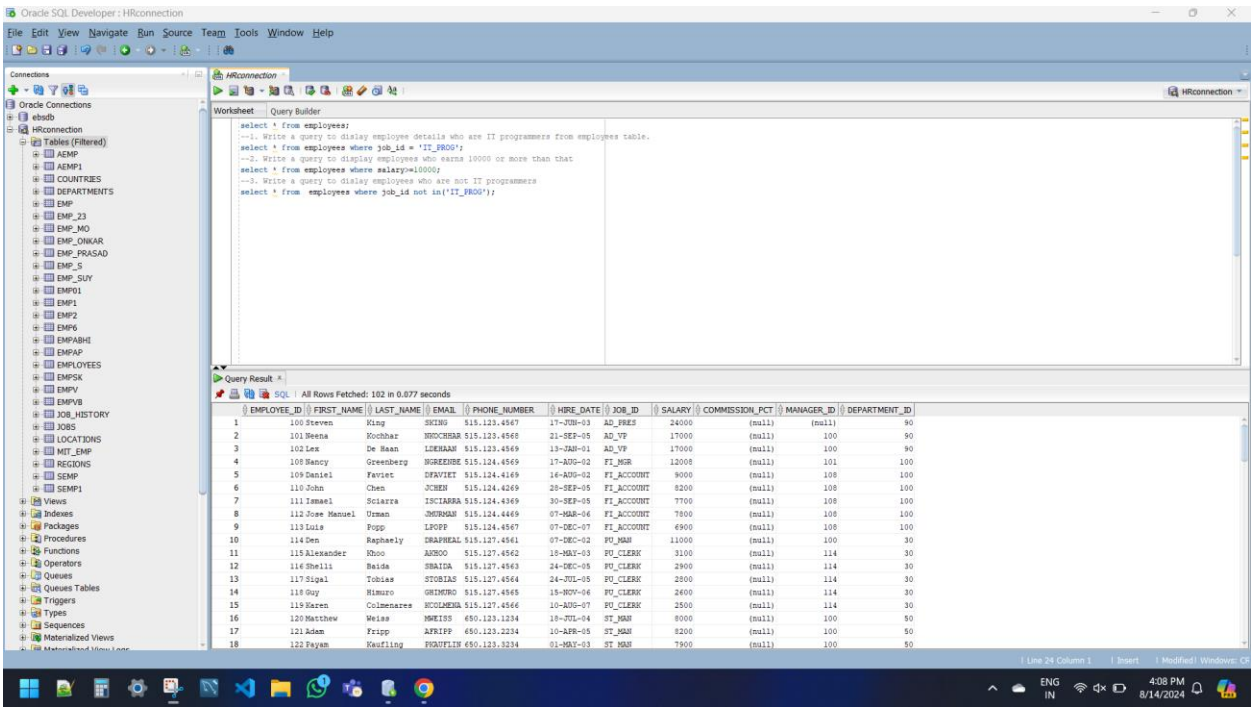
--2. Write a query to display employees who earns 10000 or more than that

select * from employees where salary>=10000;



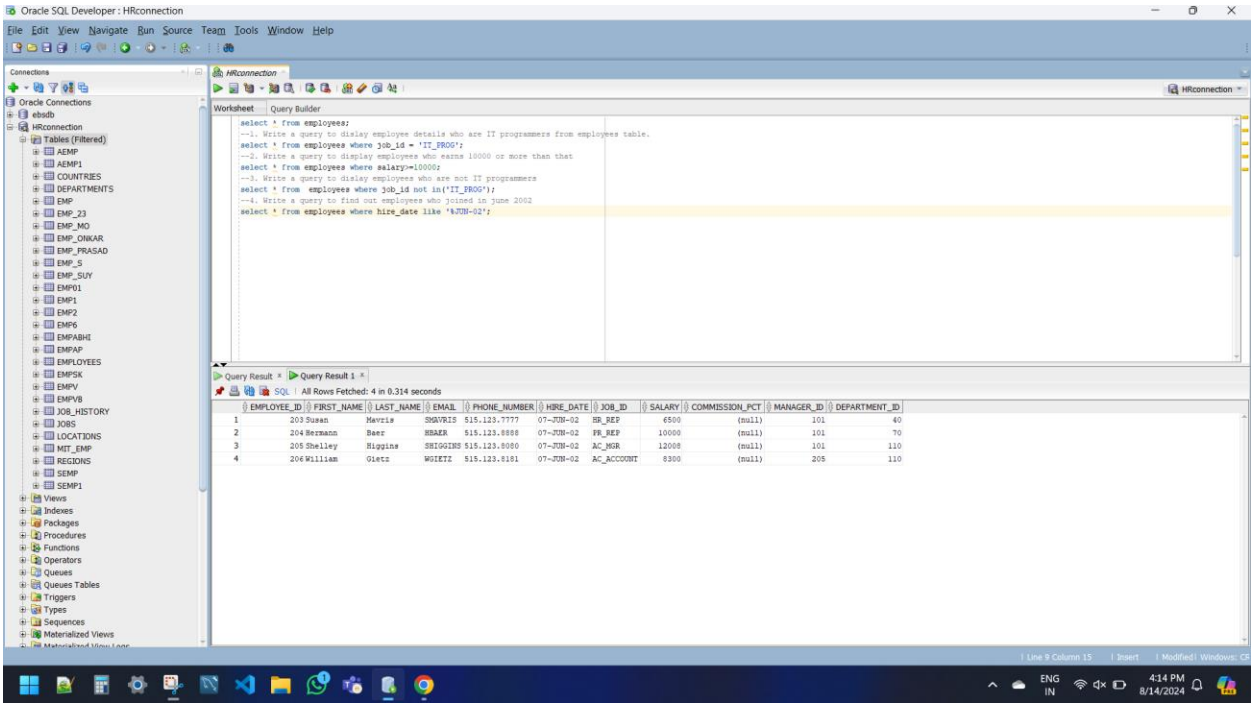
--3. Write a query to dislay employees who are not IT programmers

select * from employees where job_id not in('IT_PROG');



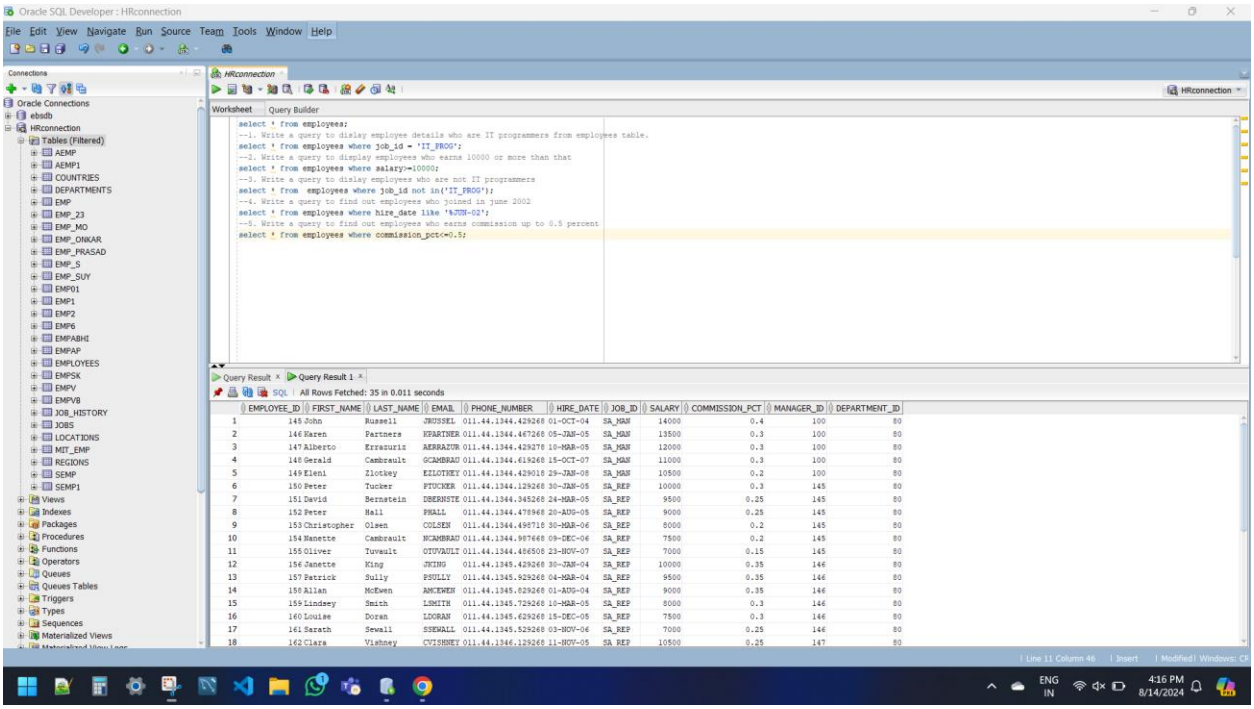
--4. Write a query to find out employees who joined in june 2002

select * from employees where hire_date like '%JUN-02';



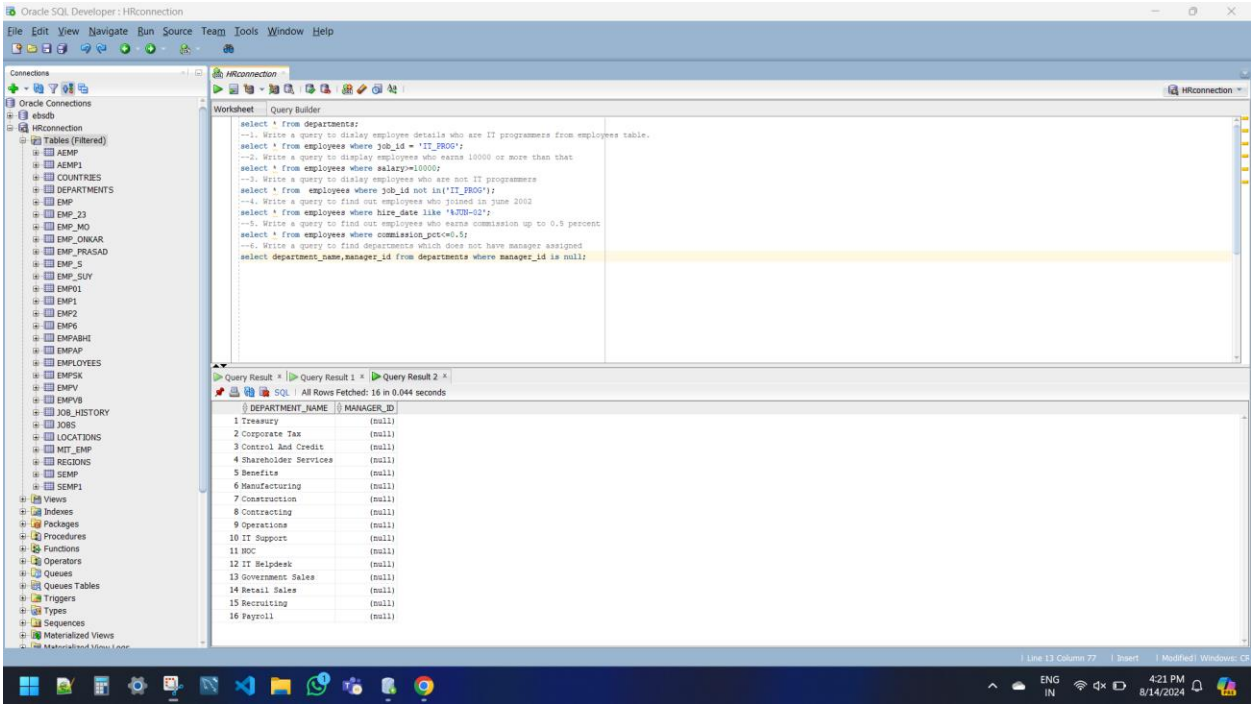
--5. Write a query to find out employees who earns commission up to 0.5 percent

select * from employees where commission_pct<=0.5;



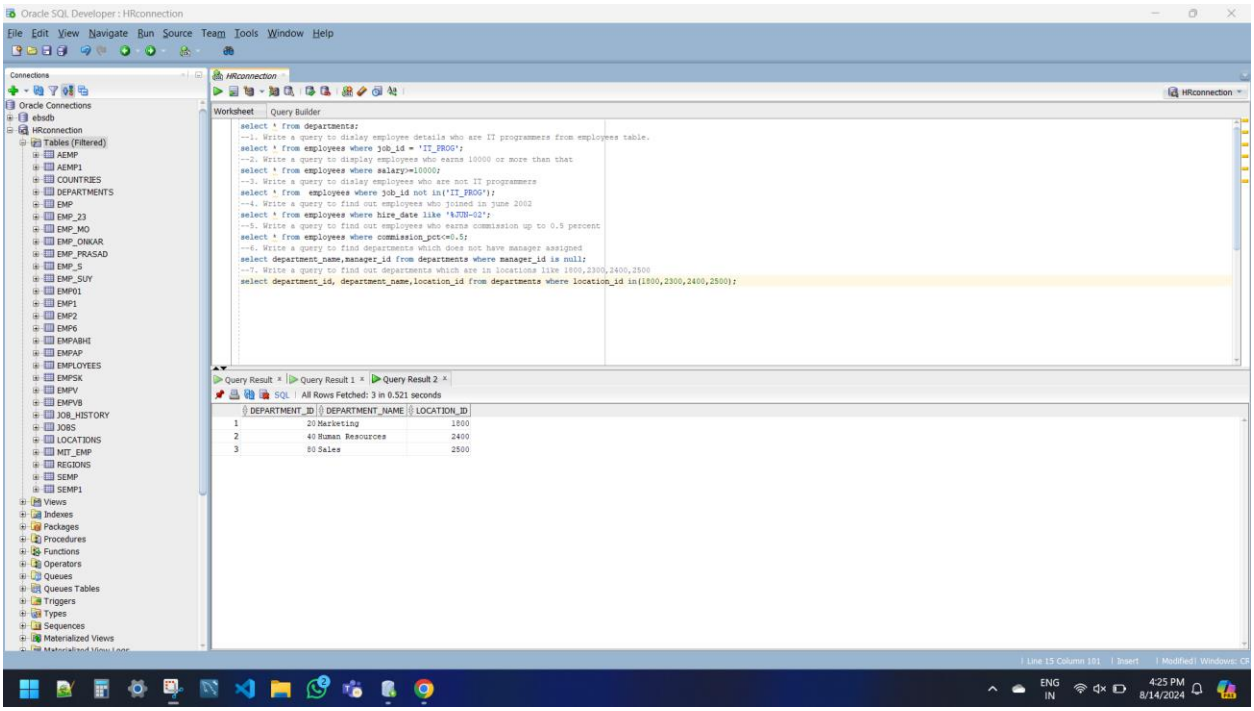
--6. Write a query to find departments which does not have manager assigned

select department_name,manager_id from departments where manager_id is null;



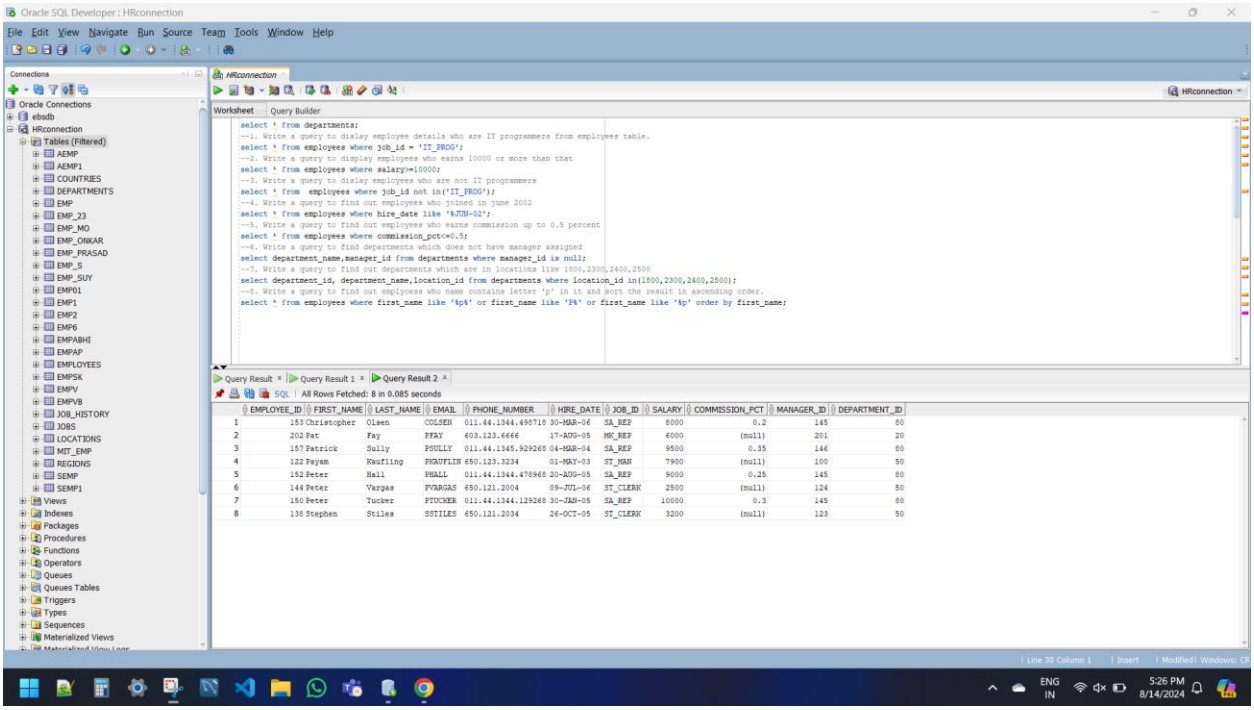
--7. Write a query to find out departments which are in locations like 1800,2300,2400,2500

select department_id, department_name,location_id from departments where location_id in(1800,2300,2400,2500);



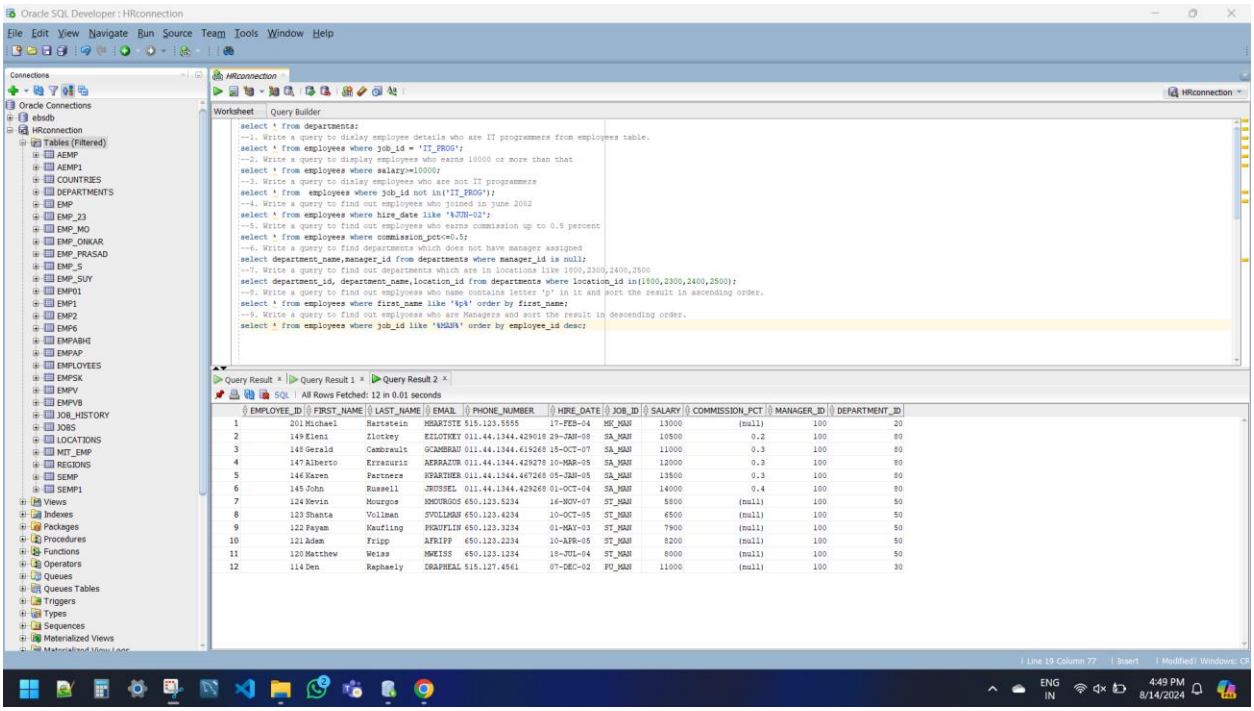
--8. Write a query to find out emplyoess who name contains letter 'p' in it and sort the result in ascending order.

select * from employees where lower(first_name)like '%p%' order by first_name;



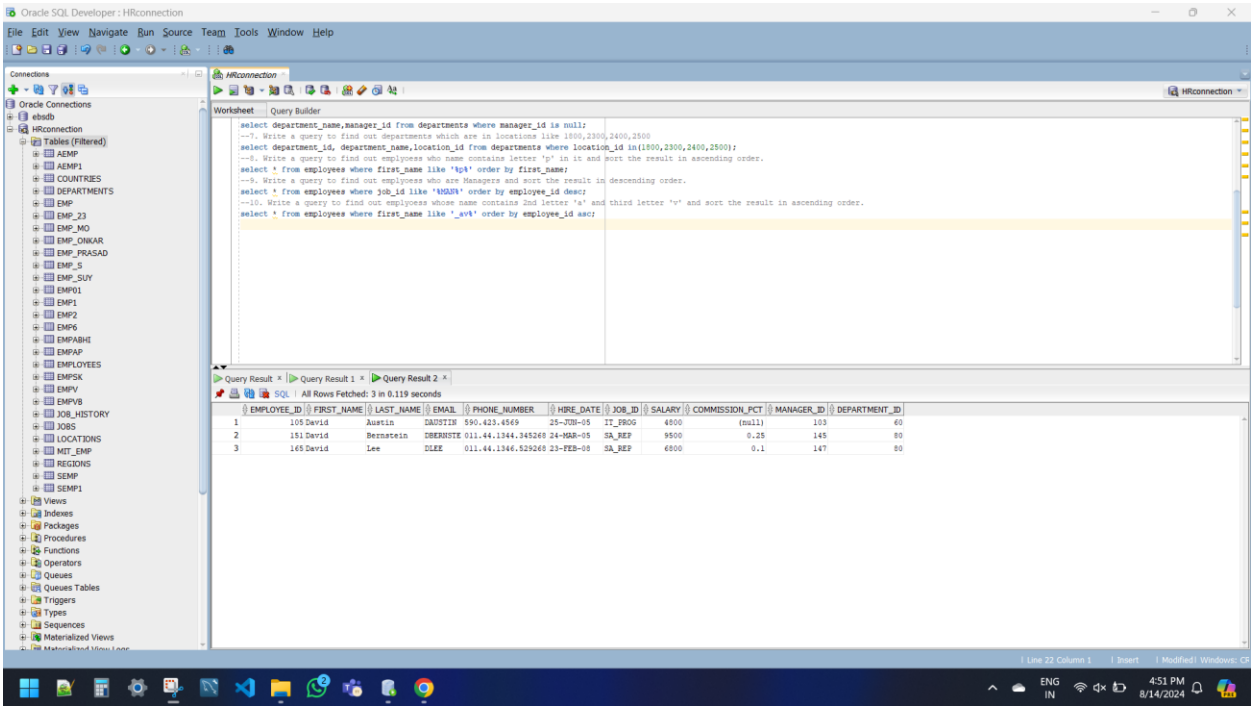
--9. Write a query to find out emplyoess who are Managers and sort the result in descending order.

select * from employees where job_id like '%MAN%' order by employee_id desc;



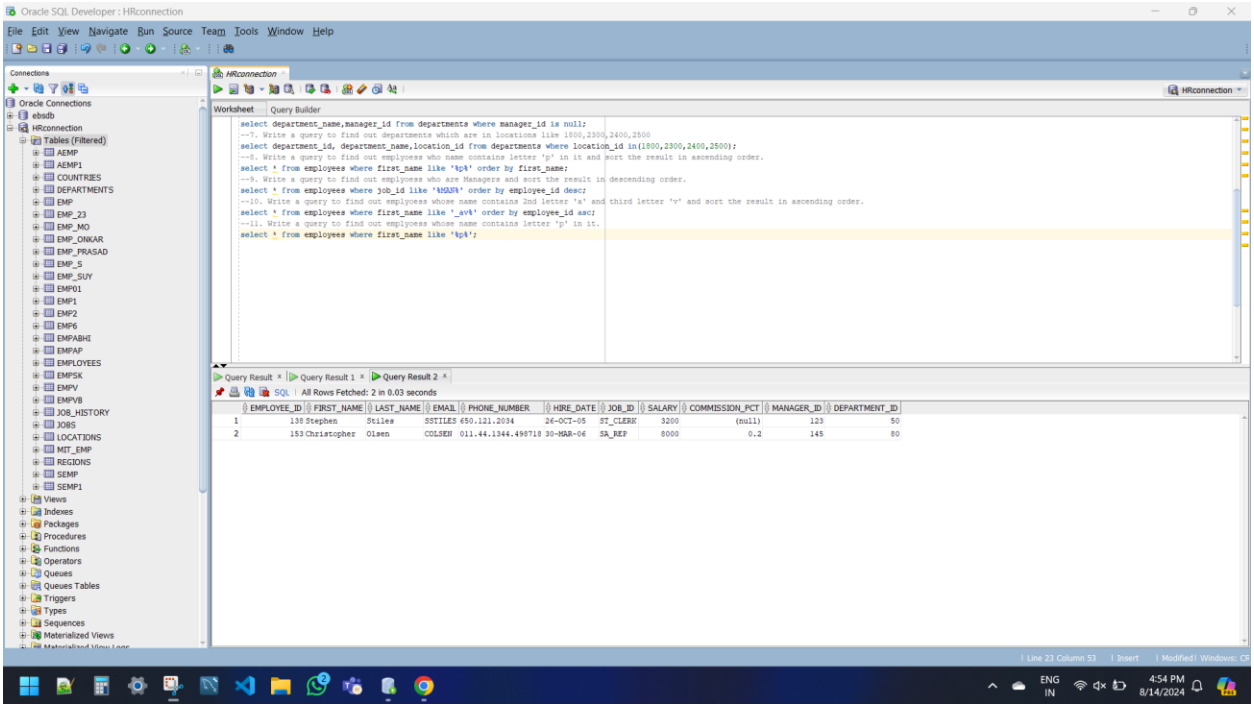
--10. Write a query to find out emplyoess whose name contains 2nd letter 'a' and third letter 'v' and sort the result in ascending order.

select * from employees where first_name like '_av%' order by employee_id asc;



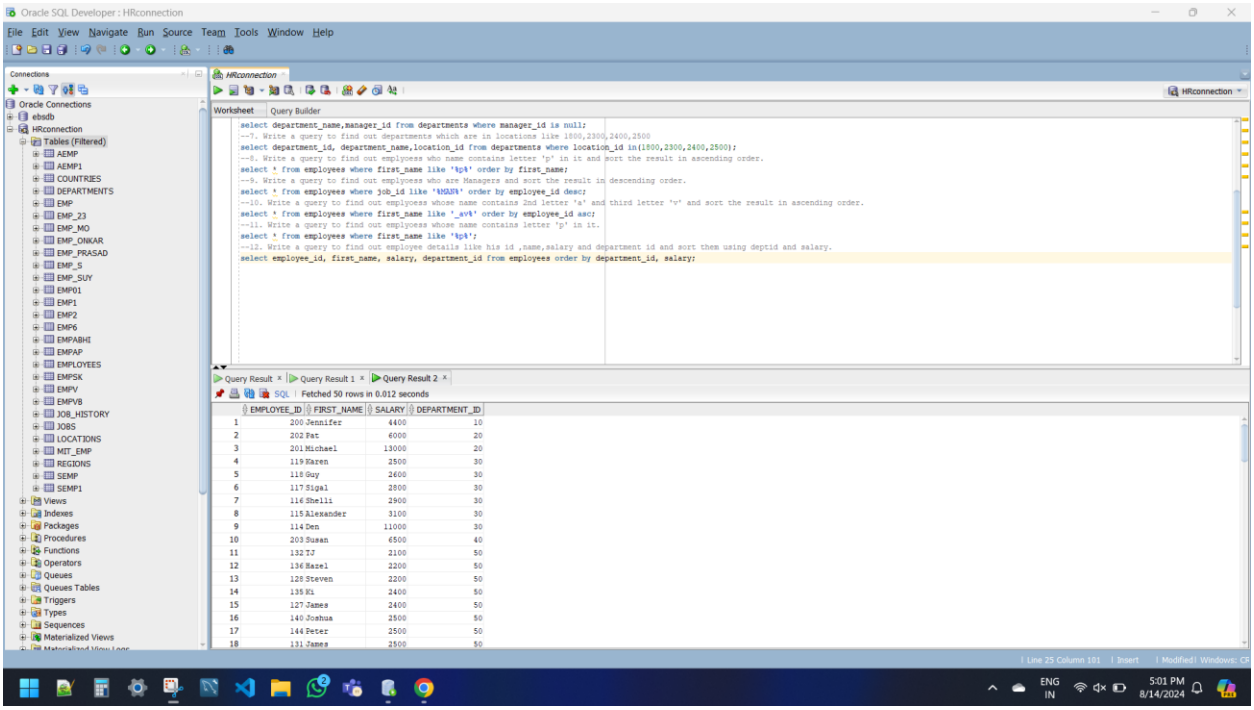
--11. Write a query to find out emplyoess whose name contains letter 'p' in it.

select * from employees where lower(first_name) like '%p%';



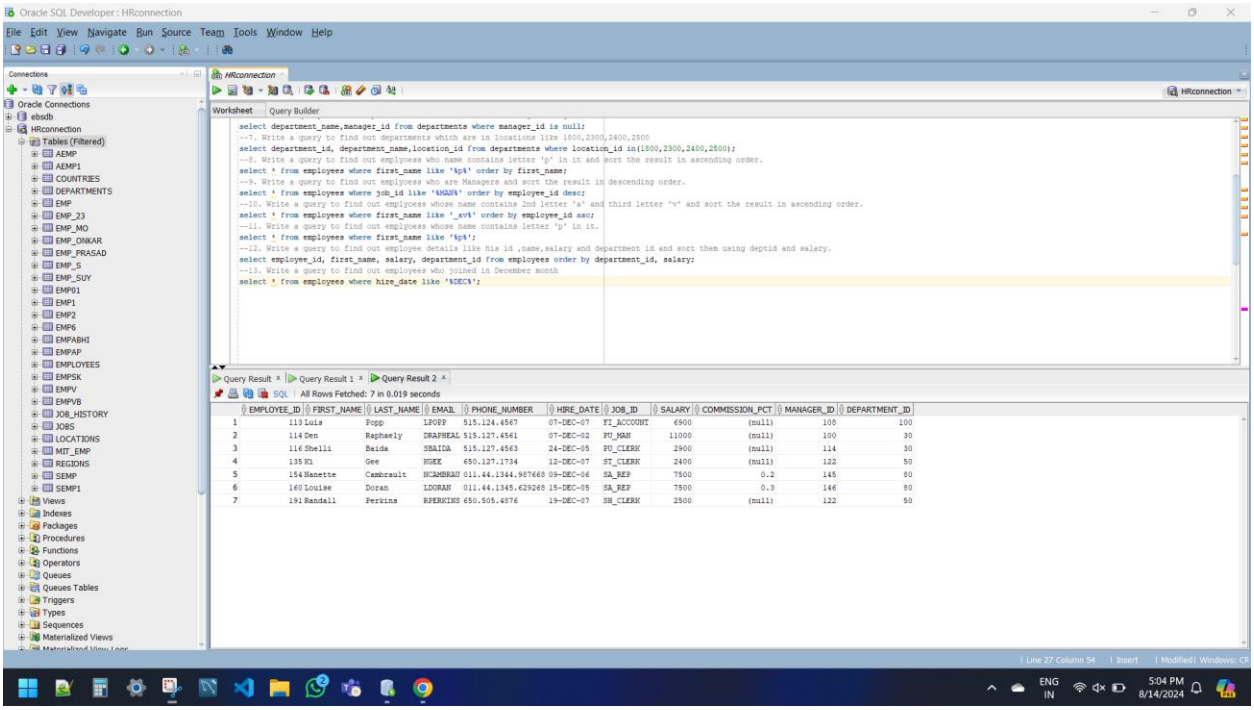
--12. Write a query to find out employee details like his id ,name,salary and department id and sort them using deptid and salary.

select employee_id, first_name, salary, department_id from employees order by department_id, salary;



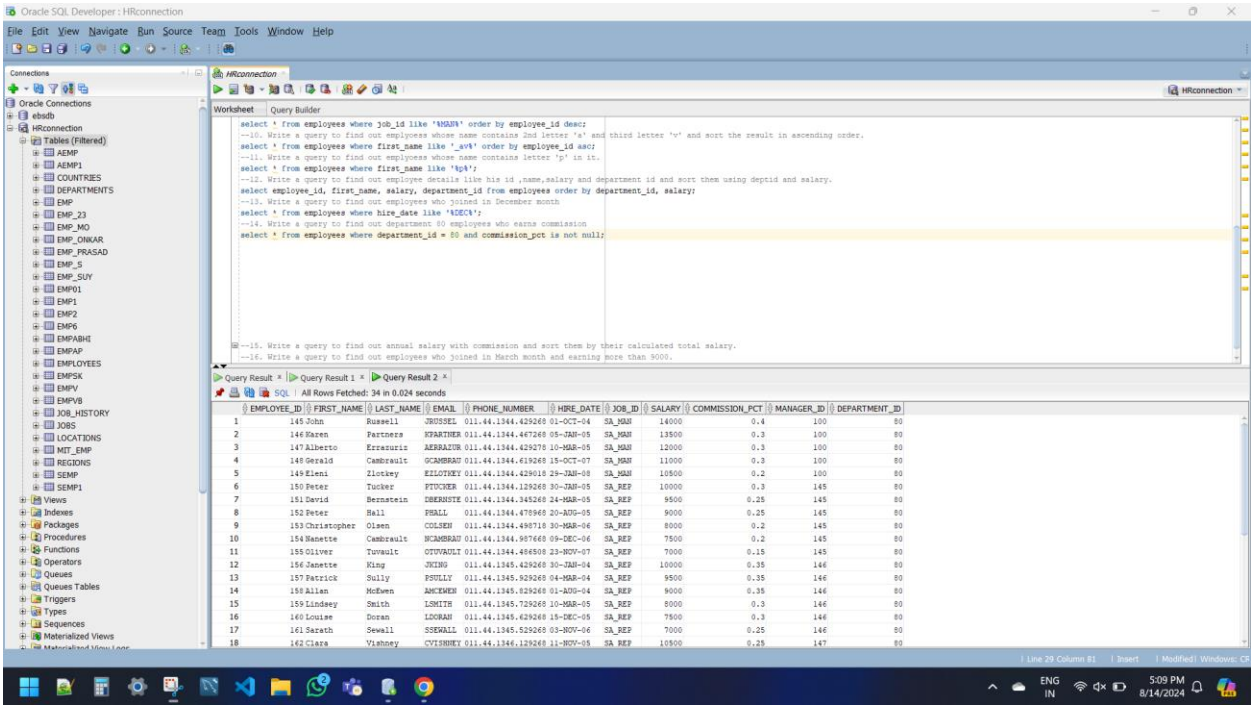
--13. Write a query to find out employees who joined in December month

select * from employees where hire_date like '%DEC%';



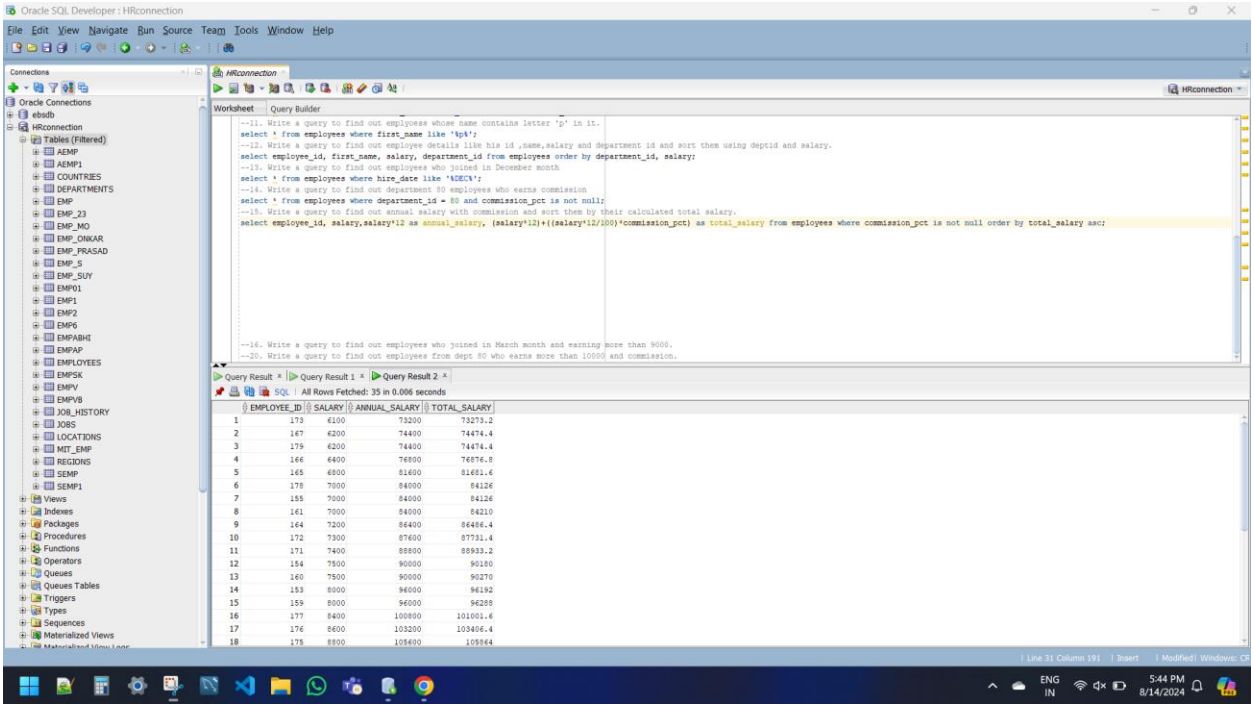
--14. Write a query to find out department 80 employees who earns commission

select * from employees where department_id = 80 and commission_pct is not null;



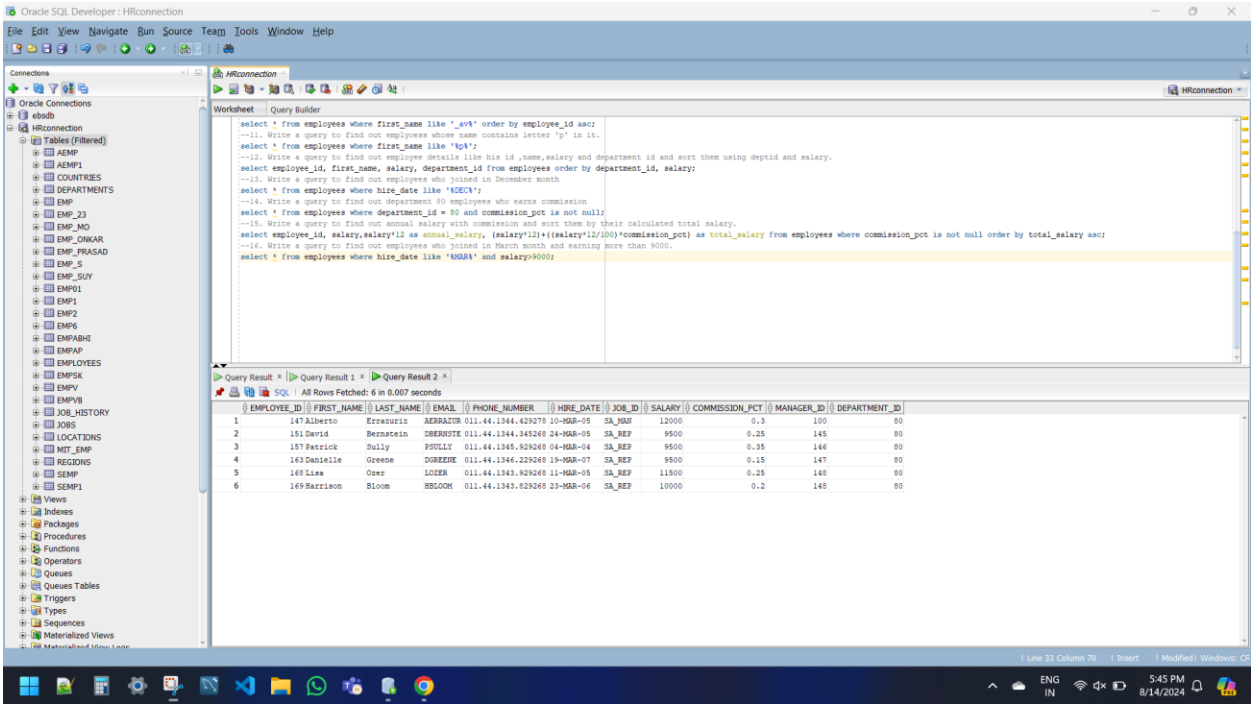
--15. Write a query to find out annual salary with commission and sort them by their calculated total salary.

select employee_id, salary, salary*12 as annual_salary, (salary*12)+((salary*12) *commission_pct) as total_salary from employees where commission_pct is not null order by total_salary asc;



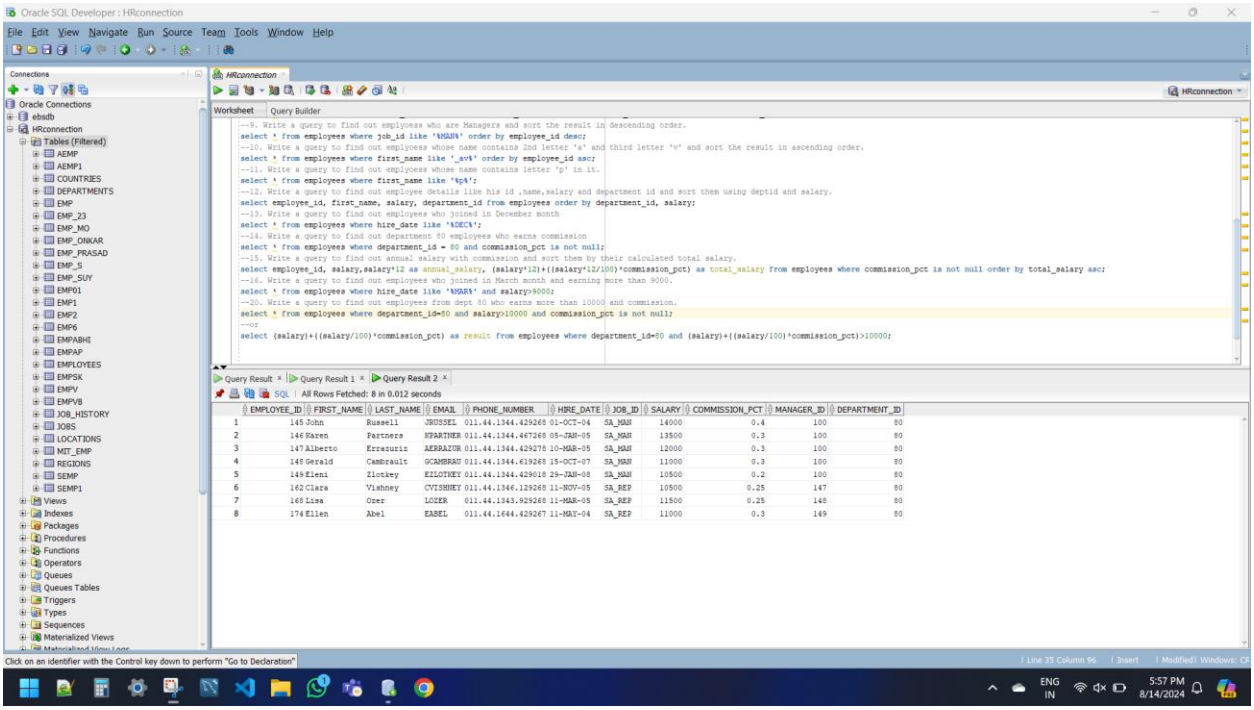
--16. Write a query to find out employees who joined in March month and earning more than 9000.

select * from employees where hire_date like '%MAR%' and salary>9000;



--17. Write a query to find out employees from dept 80 who earns more than 10000 and commission.

select * from employees where department_id=80 and salary>10000 and commission_pct is not null;



--or

select employee_id, first_name, (salary)+((salary)*commission_pct) as result from employees where department_id=80 and (salary)+((salary/100)*commission_pct)>10000;