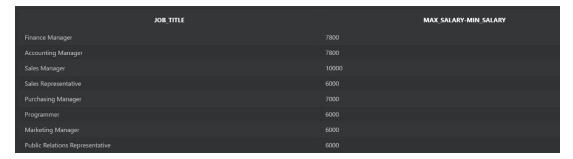
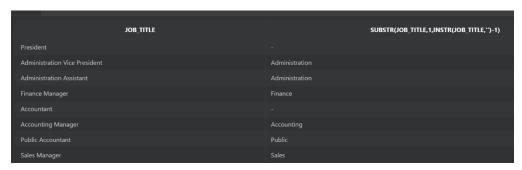
Database Assignment #2

Muhammad Mujtaba Afzal 14882

1.Select job_title, max_salary-min_salary from jobs where max_salary between 10000 AND 20000



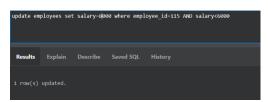
2.Select job_title, substr(job_title, 1, instr(job_title, ' ')-1) from jobs



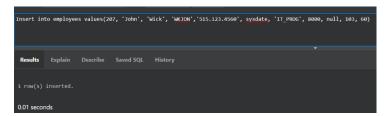
3.Select distinct(department_id) from employees group by department_id, manager_id having count(employee_id)>5



4.update employees set salary=8000 where employee_id=115 AND salary<6000

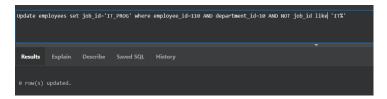


5.Insert into employees values(207, 'John', 'Wick', 'WKJON', '515.123.4560', sysdate, 'IT_PROG', 8000, null, 103, 60)

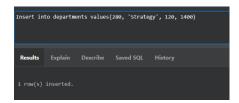


6.Delete from departments where department_id=20

7.Update employees set job_id='IT_PROG' where employee_id=110 AND department_id=10 AND NOT job_id like 'IT%'

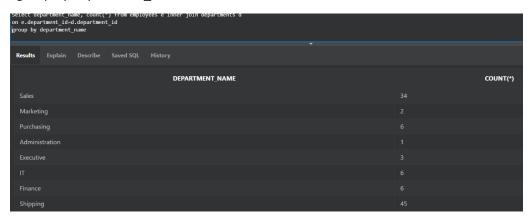


8.Insert into departments values(280, 'Strategy', 120, 1400)



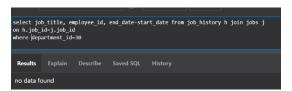
9.Select department_name, count(*) from employees e inner join departments d on e.department_id=d.department_id

group by department_name



10.select job_title, employee_id, end_date-start_date from job_history h join jobs j on h.job_id=j.job_id

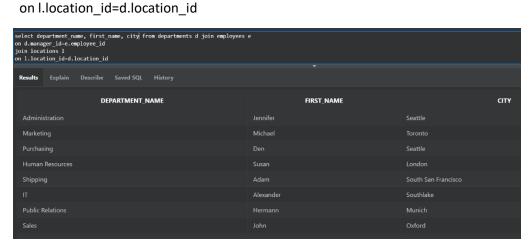
where department_id=30



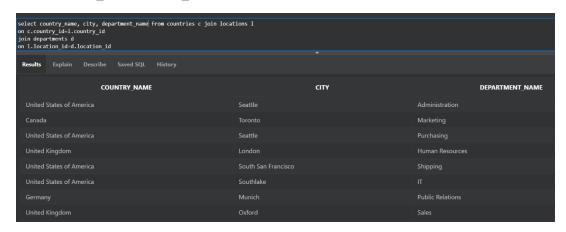
11.select department_name, first_name from departments d join employees e on d.manager_id=e.employee_id



12.select department_name, first_name, city from departments d join employees e on d.manager_id=e.employee_id join locations l



13.select country_name, city, department_name from countries c join locations l on c.country_id=l.country_id join departments d on l.location id=d.location id

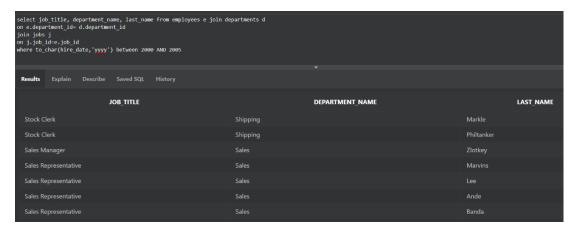


14.select job_title, department_name, last_name from employees e join departments d on e.department_id= d.department_id

join jobs j

on j.job_id=e.job_id

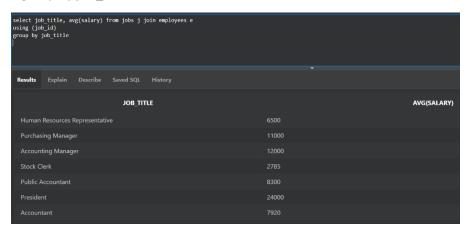
where to_char(hire_date,'yyyy') between 2000 AND 2005



15.select job_title, avg(salary) from jobs j join employees e

using (job_id)

group by job_title



16.select job_title, first_name, max_salary-salary from jobs j join employees e using (job_id)

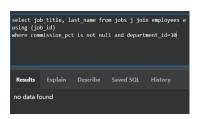
JOB_TITLE	FIRST_NAME	MAX_SALARY-SALA	RY
President	Steven		
Administration Vice President	Neena	13000	
Administration Vice President			
Programmer	Alexander	1000	
Programmer		4000	
Programmer	David		
Programmer	Valli		
Q muitabaafzal001@gmail.com	Copyright © 1999, 2019, Oracle, All rights reserved.		Application

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17.select job_title, last_name from jobs j join employees e

using (job_id)

where commission_pct is not null and department_id=30



18.select j.* from jobs j join employees e

on j.job_id=e.job_id

where salary>15000

