1. WAQ to display second highest salary in HR schema.

query: select MAX(salary) from employees where salary < (select MAX(salary) from employees);

2. WAQ to display name of employee who is earning maximum in his/her department.

query: SELECT department\_id, first\_name, salary FROM employees d WHERE salary = (SELECT MAX(salary) FROM employees WHERE department\_id = d.department\_id);

3. WAQ to display emplyees count who are working from same location.

query: select l.city , count(e.first\_name) as Employees from employees e, departments d , locations l where e.department\_id = d.department\_id and d.location\_id = l.location\_id group by city;

4. WAQ to display number of employees joined year wise.

query: SELECT to\_char(hire\_date, 'yyyy') as YEAR , COUNT(first\_name) as Employees FROM employees GROUP BY to\_char(hire\_date, 'yyyy') ORDER BY to\_char(hire\_date, 'yyyy') ;

5. WAQ to top 2 earning employee name and salary in each department.

query: select first\_name, salary from employees order by salary desc limit 2;