Assignment: 4

1. Write a query to display the names (first_name, last_name) using alias name "First Name", "Last Name.

Ans:- select firstnm,lastnm from employees;

2. Write a query to get unique department ID from employee table.

Ans:- select distinct did from employees;

3. Write a query to get all employee details from the employee table order by first name, descending.

Ans:- select firstnm from employees order by firstnm desc;

4. Write a query to get the names (first_name, last_name), salary, PF of all the employees (PF is calculated as 15% of salary).

Ans:- select firstnm,lastnm,salary ,salary * 0.15 AS PF from employees;

5. Write a query to get the employee ID, names (first_name, last_name), salary in ascending order of salary.

Ans:- select eid,firstnm,lastnm,salary from employees order by salary;

6. Write a query to get the total salaries payable to employees.

Ans:- select sum(salary) from employees;

7. Write a query to get the maximum and minimum salary from employees table.

Ans:- select min(salary), max(salary) from employee;

8. Write a query to get the average salary and number of employees in the employees table.

Ans:- select avg(salary),count(*)from employees;

9. Write a query to get the number of employees working with the company.

Ans:- select count(*) from employee;

10.Write a query to get the number of jobs available in the employees table.

Ans:- select count(distinct job_id) from employees;

11.Write a query to select first 10 records from a table.

Ans:- select * from employees limit 10;

12.Write a query to display the name (first_name, last_name) and salary for all employees whose salary is not in the range $10,000 through $15,000.

Ans:- select firstnm,lastnm,salary from employees where salary between 10000 and 15000;

13.Write a query to display the name (first_name, last_name) and department ID of all employees in departments 30 or 100 in ascending order.

Ans:- select firstnm,lastnm from employees where did in(30||100) order by did ;

14.Write a query to display the name (first_name, last_name) and salary for all employees whose salary is not in the range $10,000 through $15,000 and are in department 30 or 100.

Ans:- select firstnm,lastnm,salary,did from employees where salary not between(10000 and 15000)and did in(30||100);

15.Write a query to display the name (first_name, last_name) and hire date for all employees who were hired in 1987.

Ans:- select firstnm,lastnm from employees where year(hire_date)=1987;

16.Write a query to display the first_name of all employees who have both "b" and "c" in their first name.

Ans:- select * from employees where firstnm like "b%"or firstnm like"c%";

17.Write a query to display the last name, job, and salary for all employees whose job is that of a Programmer or a Shipping Clerk, and whose salary is not equal to $4,500, $10,000, or $15,000.

Ans:- SELECT lastnm, job_id, salary

-> FROM employees

-> WHERE job_id IN ('PROGRAMMER', 'SH_CLERK')

-> AND salary NOT IN (4500, 10000, 15000);

18.Write a query to display the last name of employees whose names have exactly 6 characters.

Ans:- select * from employees where firstnm like "_____";

19.Write a query to display the last name of employees having 'e' as the third character.

Ans:- select * from employees where firstnm like "__e%";

20.Write a query to display the jobs/designations available in the employees table.

Ans:- select distinct job_id from employees;

21.Write a query to select all record from employees where last name in 'BLAKE', 'SCOTT', 'KING' and 'FORD'.

Ans:- select * from employees where lastnm in('BLAKE','SCOTT', 'KING','FORD');