Assignment-1

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//1.Because of budget issues, the HR department needs a report that displays the last name and salary of employees who earn more than $12,000.

  SELECT LAST_NAME, SALARY

  FROM hr.employees

  WHERE SALARY>12000;

//2.Create a report that displays the last name and department number for employee 176.

  SELECT LAST_NAME,DEPARTMENT_ID

  FROM hr.employees

  WHERE EMPLOYEE_ID=176;

//3.The HR department needs to find high-salary and low-salary employees. Modify to display the last name and salary for any employee whose salary is not in the $5,000–$12,000 range.

  SELECT LAST_NAME, SALARY

  FROM hr.employees

  WHERE 5000<SALARY OR SALARY>12000;

//4.Create a report to display the last name, job ID, and start date for the employees whose last names are Matos and Taylor. Order the query in ascending order by start date

  SELECT LAST_NAME,JOB_ID,HIRE_DATE

  FROM hr.employees

  WHERE LAST_NAME IN ('Matos','Taylor')

  ORDER BY HIRE_DATE ASC;

//5. Display the last name and department number of all employees in departments 20 or 50 in ascending alphabetical order by name.

  SELECT LAST_NAME, DEPARTMENT_ID

  FROM hr.employees

  WHERE DEPARTMENT_ID IN (20,50)

ORDER BY LAST_NAME ASC;

//6. Display the last name and salary of employees who earn between$5,000 and $12,000, and are in department 20 or 50. Label the columns Employee and Monthly Salary, respectively.

SELECT LAST_NAME AS Employee, SALARY AS Monthly_Salar

FROM hr.employees

WHERE SALARY BETWEEN 5000 AND 12000 AND DEPARTMENT_ID IN (20,50);

//7.The HR department needs a report that displays the last name and hire date for all employees who were hired in 1994.

Select last_name, hire_date

From hr.employees

Where hire_date like '%94';

//8. Create a report to display the last name and job title of all employees who do not have a manager.

SELECT LAST_NAME,JOB_ID

FROM hr.employees

WHERE MANAGER_ID IS NULL;

//9.Create a report to display the last name, salary, and commission of all employees who earn commissions. Sort the data in descending order of salary and commissions.

SELECT LAST_NAME, SALARY,COMMISSION_PCT

FROM hr.employees

WHERE COMMISSION_PCT IS NOT NULL

ORDER BY SALARY DESC,COMMISSION_PCT DESC;

//12. Display all employee last names in which the third letter of the name is "a."

SELECT   LAST_NAME

FROM   hr.employees

WHERE LAST_NAME LIKE '__a%';

//13. Display the last names of all employees who have both an a and an e in their last name

SELECT   LAST_NAME

FROM   hr.employees

WHERE LAST_NAME   LIKE '%a%' AND   LAST_NAME LIKE '%e%';

//14. Display the last name, job, and salary for all employees whose jobs are either that of a sales representative or a stock clerk, and whose salaries are not equal to $2,500, $3,500, or $7,000.

SELECT   LAST_NAME, JOB_ID, SALARY

FROM   hr.employees

WHERE (JOB_ID='SA_REP' OR JOB_ID='ST_CLERK')   AND   SALARY NOT IN (2500,3500,7000);

//15.display the last name, salary, and commission for all employees whose commission amount is 20%.

SELECT   LAST_NAME 'Employee', SALARY 'Monthly Salary', COMMISSION_PCT

FROM   hr.employees

WHERE COMMISSION_PCT=.2;

//10. Members of the HR department want to have more flexibility with the queries that you are writing. They would like a report that displays the last name and salary of employees who earn more than an amount that the user specifies after a prompt.

SELECT LAST_NAME, SALARY

FROM hr.employees

WHERE SALARY > &SALARY;