Ex.No.: 3

Date: 10/08/2024

WRITING BASIC SQL SELECT STATEMENTS

Find the Solution for the following:

True OR False

1. The following statement executes successfully.

Identify the Errors SELECT employee_id, last_name sal*12 ANNUAL SALARY FROM employees;

FALSE

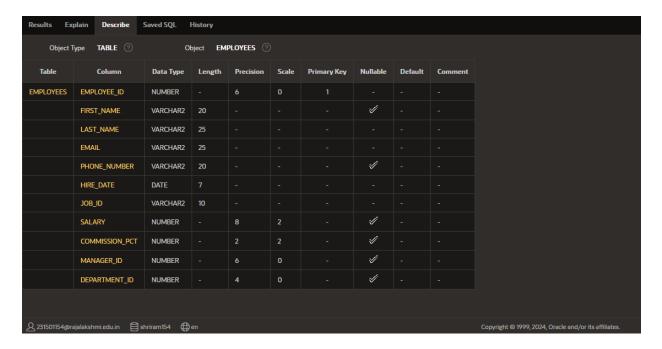
The columns in select statement should be separated by commas and the column alias should be given by using a keyword "as"

SELECT employee_id, last_name, salary*12 as "ANNUAL SALARY" FROM employees;



2) Show the structure of departments the table. Select all the data from it.

Desc employees;



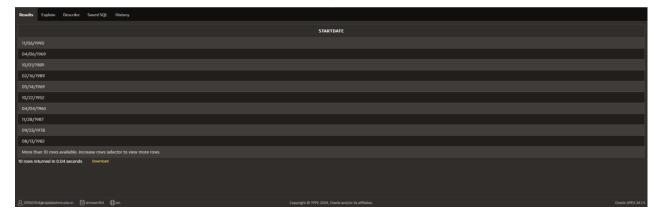
3. Create a query to display the last name, job code, hire date, and employee number for each employee, with employee number appearing first.

select employee_id , job_id , last_name , hire_date from employees;



4) Provide an alias STARTDATE for the hire date.

select hire_date as "STARTDATE" from employees;



5) Create a query to display unique job codes from the employee table.

select distinct(job_id) from employees;



6) Display the last name concatenated with the job ID , separated by a comma and space, and name the column EMPLOYEE and TITLE.

 $select\ last_name\ ||\ '\ '||\ ','\ ||\ '\ '||\ job_id\ as\ "EMPLOYEE\ AND\ TITLE"\ from\ employees;$



7. Create a query to display all the data from the employees table. Separate each column by a comma. Name the column THE_OUTPUT.

select employee_id || ' , ' || first_name || ' , ' || last_name || ' , ' || email || ' , ' || phone_number || ' , ' || hire_date || ' , ' || job_id || ' , ' || salary || ' , ' || commission_pct || ' , ' || manager_id || ' , ' || department_id as "THE_OUTPUT" from employees;

