WRITING BASIC SQL SELECT STATEMENTS

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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;

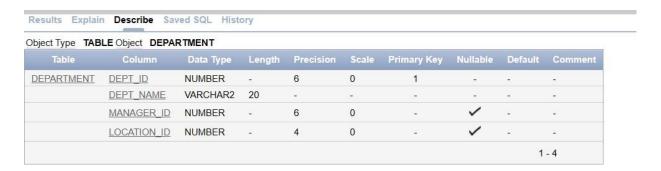
SELECT employee_id, last_name, sal*12 AS ANNUAL_SALARY FROM employees;

Results Explain	n Describe Sa	ved SQL History
EMPLOYEE_ID	LAST_NAME	ANNUAL_SALARY
1	Smith	72000
2	Johnson	54000
3	Williams	90000
4	Jones	66000
5	Brown	96000

Queries

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

DESCRIBE department; Select* from department



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, last_name, job_code, hire_date FROM employees;



4. Provide an alias STARTDATE for the hire date.

SELECT employee_id, last_name, job_id, hire_date AS STARTDATE FROM employees;

EMPLOYEE_ID	LAST_NAME	JOB_CODE	STARTDATE
	Smith	DEV	05/05/2024
2	Johnson	HR	02/24/2024
3	Williams	MGR	06/23/2022
4	Jones	DEV	03/12/2023
5	Brown	MGR	09/30/2024

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

SELECT DISTINCT job_code FROM employees;



3 rows returned in 0.00 secon

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_code AS EMPLOYEE_AND_TITLE FROM employees;



5 rows returned in 0.00 seconds

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 || ',' || last_name || ',' || job_code || ',' || TO_CHAR(hire_date, 'YYYY-MM-DD') AS THE_OUTPUT FROM employees;

Results	Explain Describe	Saveo
П	HE_OUTPUT	
1,Smith,	DEV,2024-05-05	
2,Johnso	on,HR,2024-02-24	
3,William	ns,MGR,2022-06-23	
4, Jones,	DEV,2023-03-12	
5,Brown	MGR,2024-09-30	
- 1		7%

5 rows returned in 0.00 seconds