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**EXP NO :03** 

## WRITING BASIC SQL SELECT STATEMENTS.

Find the Solution for the following:

True OR False

1. The following statement executes successfully.

Identify the Errors

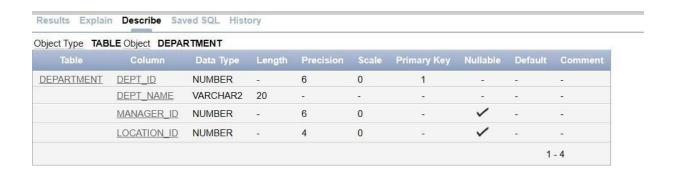
SELECT employee\_id, last\_name sal\*12 ANNUAL SALARY FROM employees;

## Queries

SELECT employee\_id, last\_name, sal\*12 AS ANNUAL\_SALARY FROM employees;

Results Explain	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

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

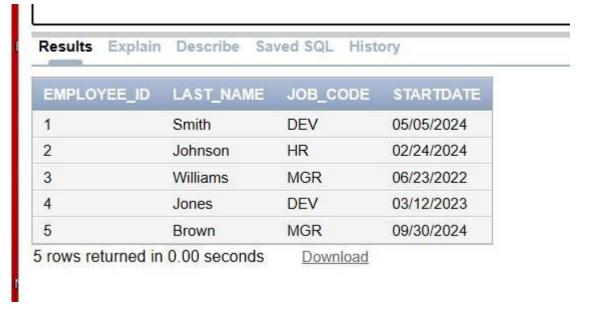


3. Create a query to display the last name, job code, hire date, and employee number for each employee, with employee number appearing first.

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;



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
TI-	IE_OUTP	UT	
1,Smith,E	DEV,2024	-05-05	
2,Johnso	n,HR,202	4-02-24	
3,William	s,MGR,20	022-06-23	
4, Jones, I	DEV,2023	-03-12	
5,Brown,	MGR,202	4-09-30	
	من له مسمع	0.00	

5 rows returned in 0.00 seconds