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COMPUTER SCIENCE AND ENGINEERING

EXP NO :03

DATE:07/08/2024

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

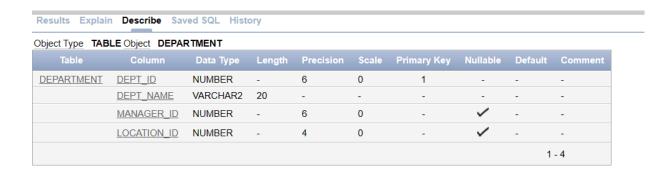
FROM employees;

Queries

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

Results	Explain	Describe	Saved SQL History
EMPLO'	YEE_ID	LAST_NAM	ME 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;

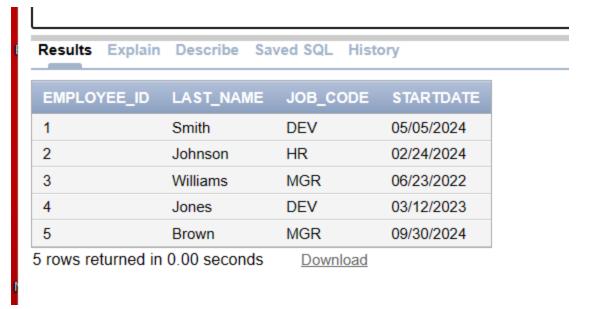


3. Create a query to display the last name, job code, hire date, and employee number for each employee, with employee number appearing first.

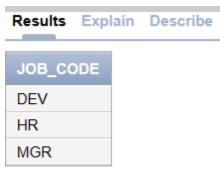
SELECT employee_id, last_name, job_code, hire_date FROM employees;



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

Results Explain Describe	Saveo
THE_OUTPUT	
1,Smith,DEV,2024-05-05	
2,Johnson,HR,2024-02-24	
3,Williams,MGR,2022-06-23	
4,Jones,DEV,2023-03-12	
5,Brown,MGR,2024-09-30	

5 rows returned in 0.00 seconds