ARUL JOTHI P 230701034 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;

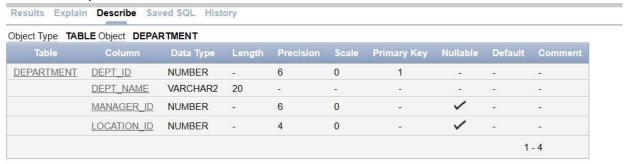
Queries

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;

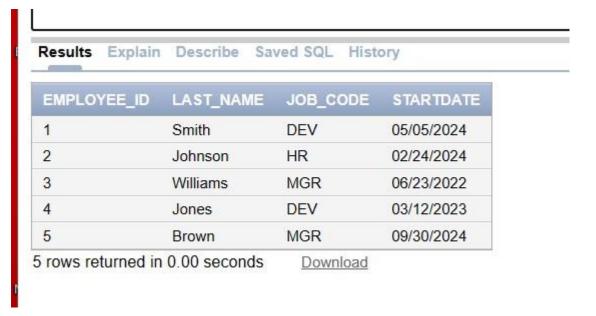


3. Create a query to display the last name, job code, hire date, and employee number for each employee, with employee number appearing first.

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;



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-MMDD') AS THE_OUTPUT FROM employees;

Results Explain Describe Saved

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