**S RAMANITHARAN 231901040 EXP NO :03**

**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

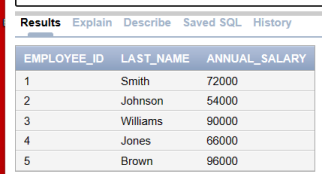
sal\*12 ANNUAL SALARY

FROM employees;

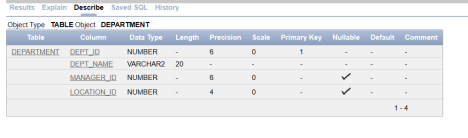
Queries

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

FROM employees;



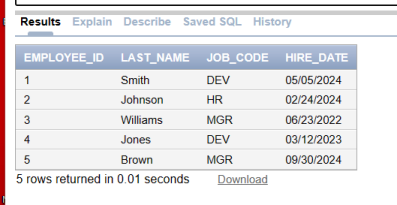
2. Show the structure of departments the table. Select all the data from it. DESCRIBE department;



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

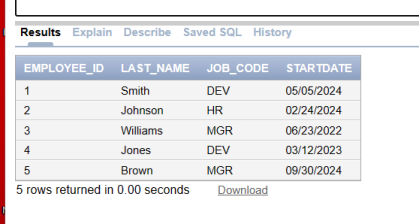
SELECT employee\_id, last\_name, job\_code, hire\_date

FROM employees;

4. Provide an alias STARTDATE for the hire date.

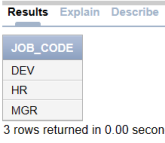
SELECT employee\_id, last\_name, job\_id, hire\_date AS STARTDATE

FROM employees;



5. Create a query to display unique job codes from the employee table. SELECT DISTINCT job\_code

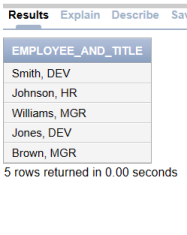
FROM employees;



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;



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;

