EXP NO :03 REG NO: 230701018

NAME: Ajay Srinivas R DATE: 10/08/2024

WRITING BASIC SQL SELECT STATEMENTS

Find the Solution for the following:

True OR False

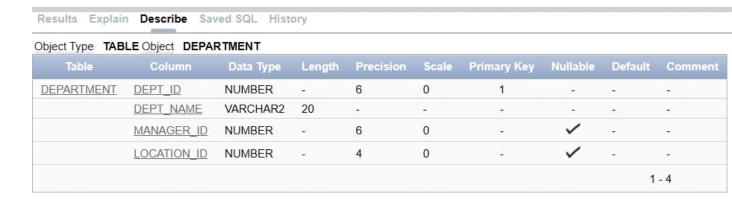
 The following statement executes successfully.Identify the Errors SELECT employee_id, last_namesal*12 ANNUAL SALARY FROM employees;

Queries

SELECT employee_id, last_name, sal*12 AS ANNUAL_SALARY FROMemployees;

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	

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



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

SELECT employee_id, last_name, job_code, hire_date FROM employees;

Results Explain Describe Saved SQL History					
EMPLOYEE_ID	LAST_NAME	JOB_CODE	HIRE_DATE		
1	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		

Provide an alias STARTDATE for the hire date.
SELECT employee_id, last_name, job_id, hire_date AS STARTDATE FROMemployees;



EMPLOYEE_ID	LAST_NAME	JOB_CODE	STARTDATE
1	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 rows returned in 0.00 seconds Download

 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

• Display the last name concatenated with the job ID, separated by a comma and space, andname the column EMPLOYEE and TITLE.

SELECT last_name || ', ' || job_code AS EMPLOYEE_AND_TITLE FROM employees;



5 rows returned in 0.00 seconds

• Create a query to display all the data from the employees table. Separate each column by acomma. 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 Saved

E_OUTPUT
EV,2024-05-05
n,HR,2024-02-24
s,MGR,2022-06-23
EV,2023-03-12
MGR,2024-09-30

5 rows returned in 0.00 seconds