EX.NO.: 3

DATE 30/07/2024

WRITING BASIC SQL SELECT STATEMENTS

FIND THE SOLUTION FOR THE FOLLOWING:

TRUE OR FALSE

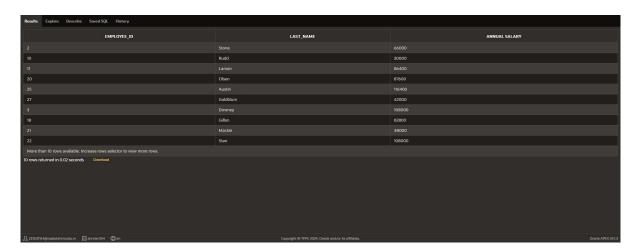
1. THE FOLLOWING STATEMENT EXECUTES SUCCESSFULLY.

IDENTIFY THE ERRORS SELECT EMPLOYEE_ID, LAST_NAMESAL*12 ANNUAL SALARY FROM EMPLOYEES;

FALSE

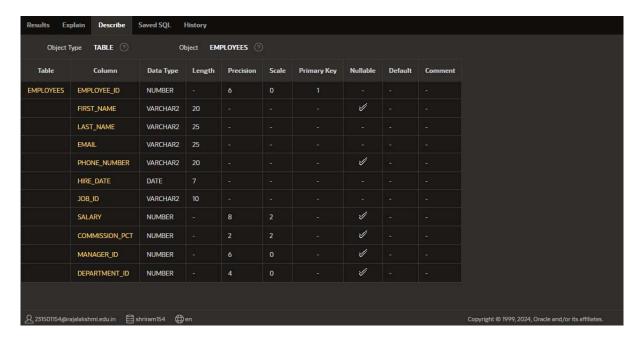
THE COLUMNS IN SELECT STATEMENT SHOULD BE SEPARATED BY COMMAS AND THE COLUMN ALIAS SHOULDBE GIVEN BY USING A KEYWORD "AS"

SELECT EMPLOYEE_ID, LAST_NAME, SALARY*12 AS "ANNUAL SALARY"FROM EMPLOYEES;



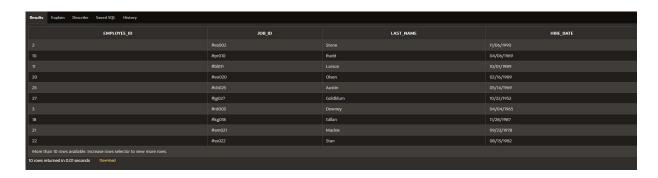
2) SHOW THE STRUCTURE OF DEPARTMENTS THE TABLE. SELECT ALL THE DATA FROM IT.

DESC EMPLOYEES;



3. CREATE A QUERY TO DISPLAY THE LAST NAME, JOB CODE, HIRE DATE, AND EMPLOYEE NUMBER FOREACH EMPLOYEE, WITH EMPLOYEE NUMBER APPEARING FIRST.

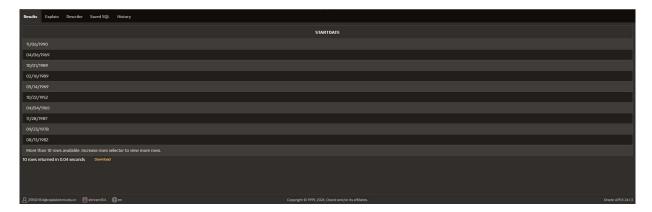
SELECT EMPLOYEE_ID , JOB_ID , LAST_NAME , HIRE_DATE FROM EMPLOYEES;



4) PROVIDE AN ALIAS STARTDATE FOR THE

HIRE DATE. SELECT HIRE_DATE AS

"STARTDATE" FROM EMPLOYEES;



5) CREATE A QUERY TO DISPLAY UNIQUE JOB CODES FROM

THE EMPLOYEE TABLE.SELECT DISTINCT(JOB_ID) 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_ID AS "EMPLOYEE AND TITLE" FROM EMPLOYEES;



7. CREATE A QUERY TO DISPLAY ALL THE DATA FROM THE EMPLOYEES TABLE. SEPARATE EACH COLUMN BYA COMMA. NAME THE COLUMN THE_OUTPUT.

SELECT EMPLOYEE_ID || ', ' || FIRST_NAME || ', ' || LAST_NAME || ', ' || EMAIL || ', ' || PHONE_NUMBER || ', ' || HIRE_DATE || ', ' || JOB_ID || ', ' || SALARY || ', ' || COMMISSION_PCT || ', ' || MANAGER_ID || ', ' || DEPARTMENT_ID AS "THE_OUTPUT" FROM EMPLOYEES;

