DBMS EX - 4

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Department	AI & DS

Exercise : 4

1. The following statement executes successfully.

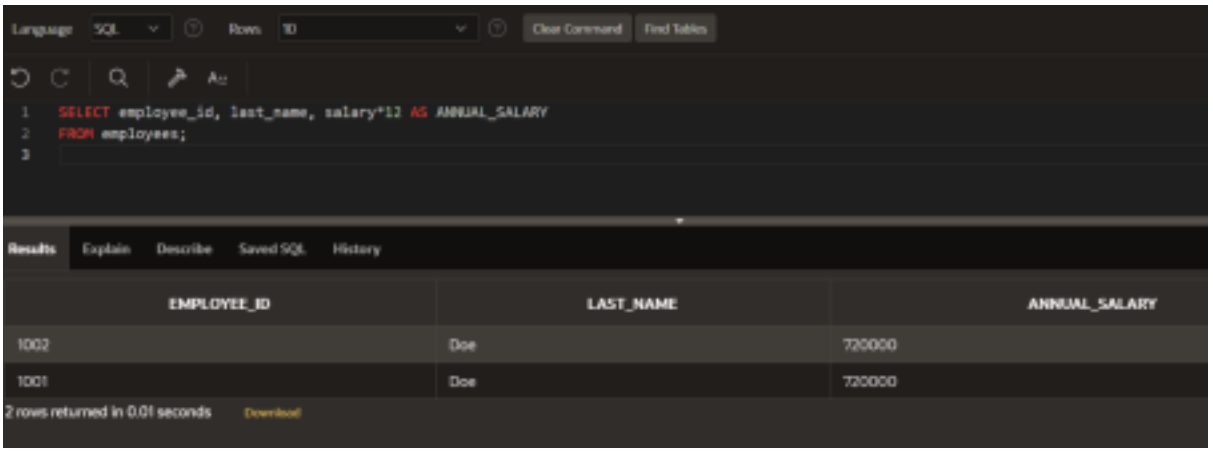
Identify the Errors

SELECT employee_id, last_name

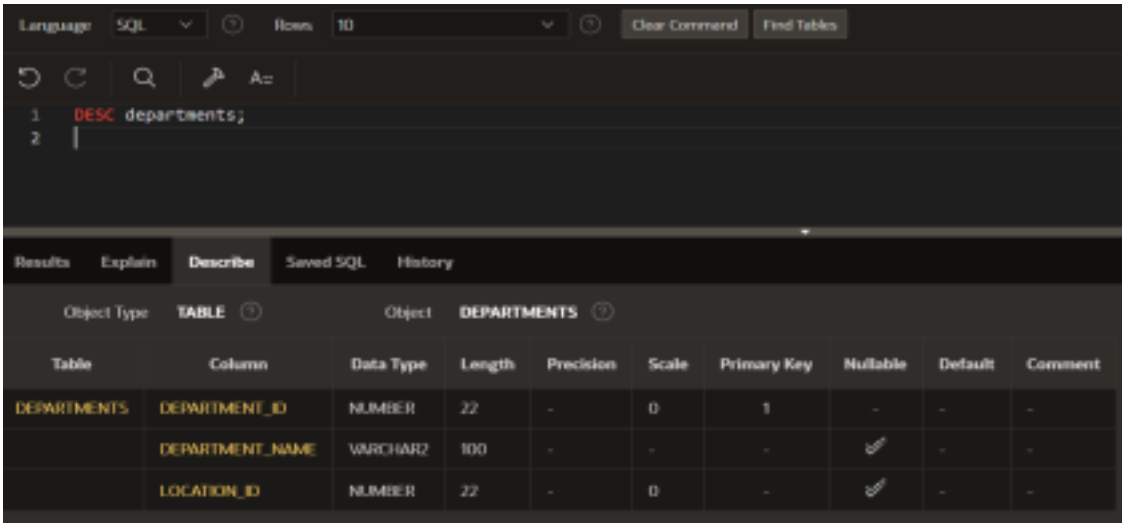
sal*12 ANNUAL SALARY

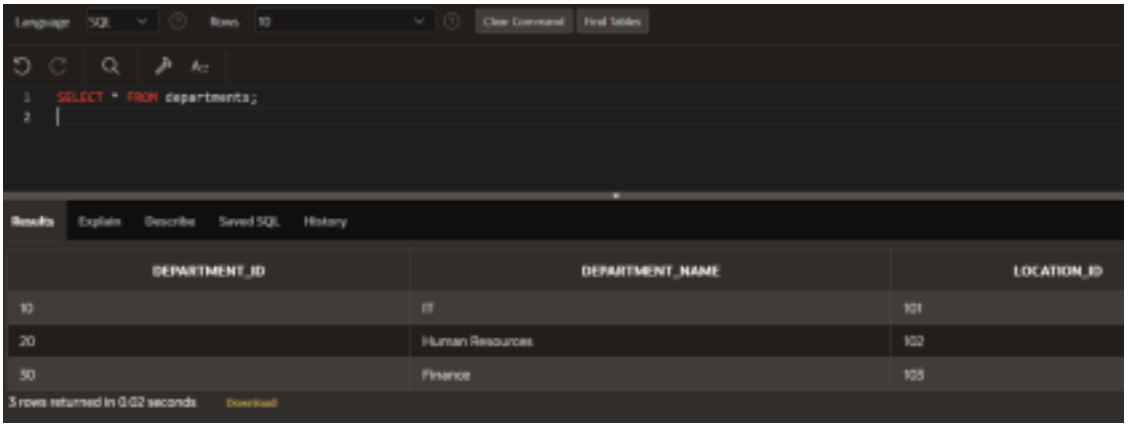
FROM employees;

Queries

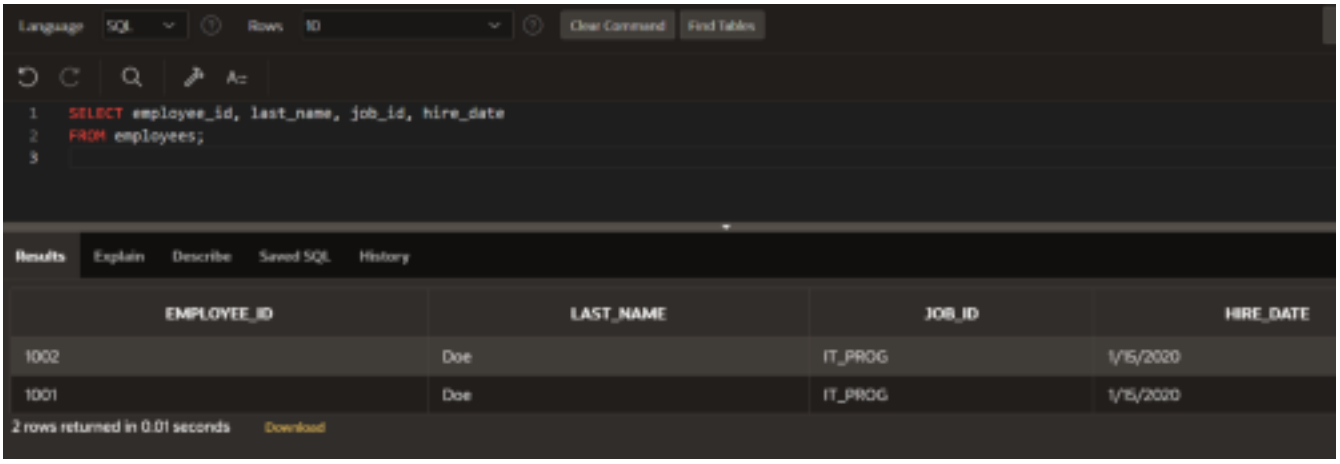


2. Show the structure of departments the table. Select all the data from it.

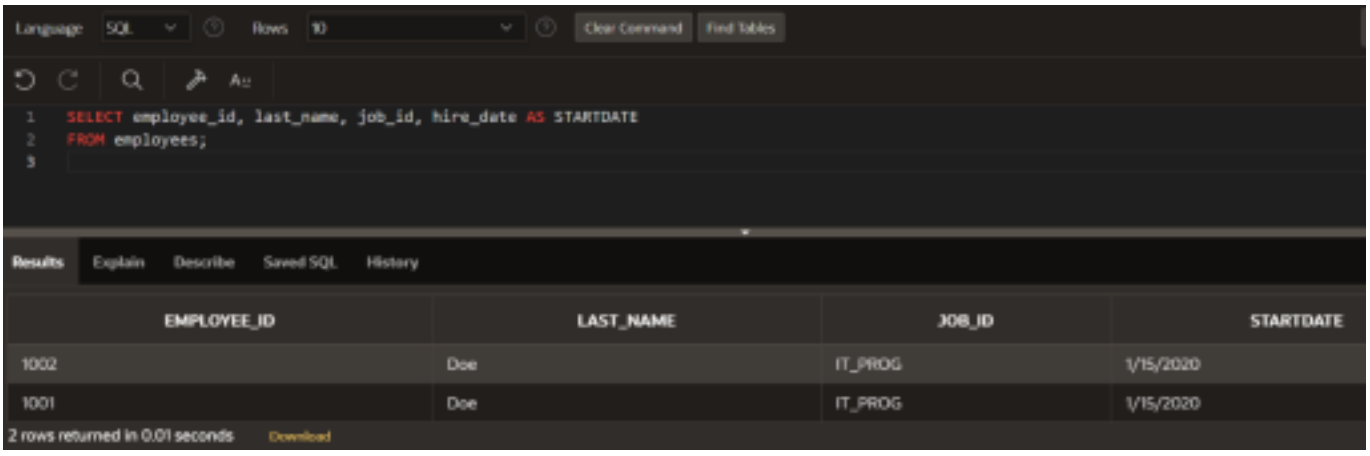




3. Create a query to display the last name, job code, hire date, and employee number for each employee, with employee number appearing first.



4. Provide an alias STARTDATE for the hire date.



5. Create a query to display unique job codes from the employee table.

```
SELECT DISTINCT job_id
FROM employees;
```

Results | Explain | Describe | Saved SQL | History

JOB_ID
IT_PROG

1 rows returned in 0.00 seconds Download

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

Language SQL Rows 10 Clear Command Find Tables

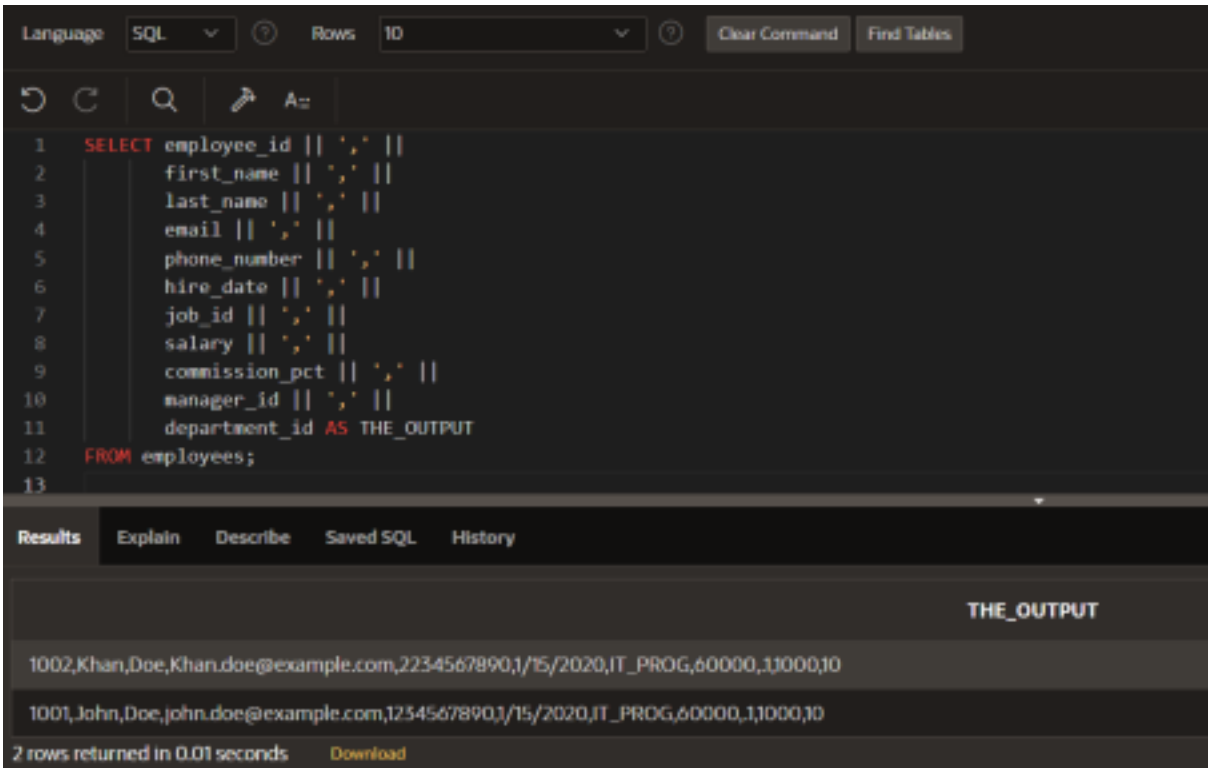
```
SELECT last_name || ', ' || job_id AS "EMPLOYEE AND TITLE"
FROM employees;
```

Results | Explain | Describe | Saved SQL | History

EMPLOYEE AND TITLE
Doe, IT_PROG
Doe, IT_PROG

2 rows returned in 0.01 seconds Download

7. Create a query to display all the data from the employees table. Separate each column by a comma. Name the column THE_OUTPUT.


Language
SQL
Rows
10
Clear Command
Find Tables
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;
Results
Explain
Describe
Saved SQL
History
THE_OUTPUT
1002,Khan,Doe,Khan.doe@example.com,2234567890,1/15/2020,IT_PROG,60000,,1000,10
1001,John,Doe,john.doe@example.com,1254567890,1/15/2020,IT_PROG,60000,,1,1000,10
2 rows returned in 0.01 seconds
Download