DBMS EXP-04

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Exercise : 4

1. The following statement executes successfully.

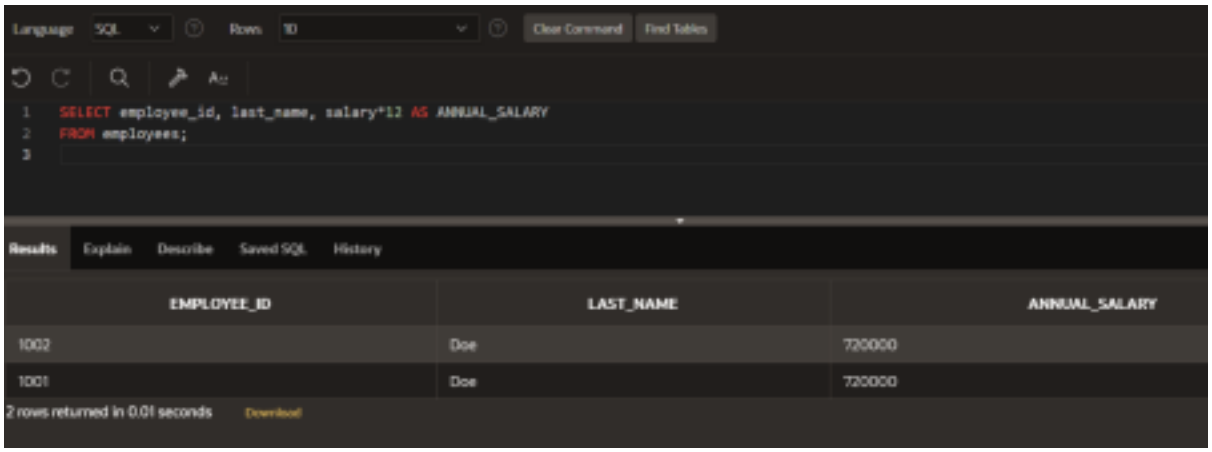
Identify the Errors

SELECT employee_id, last_name

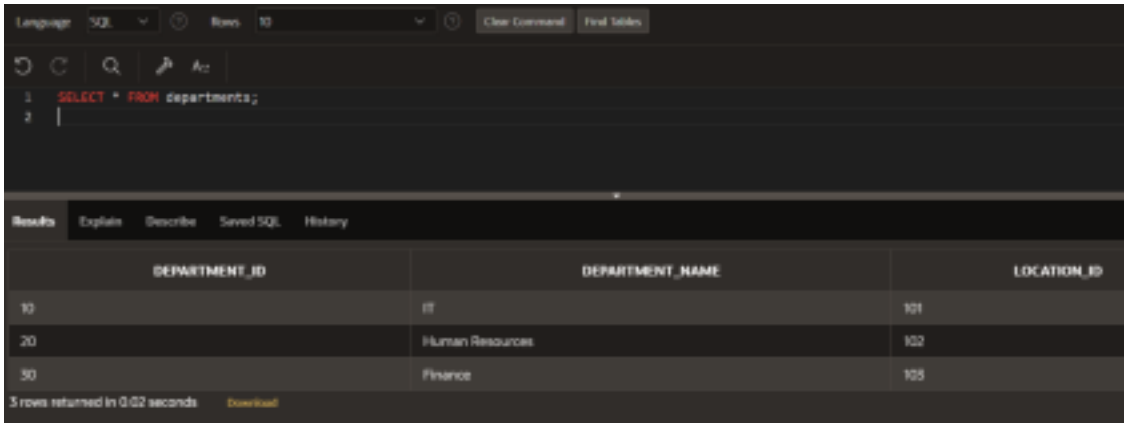
sal*12 ANNUAL SALARY

FROM employees;

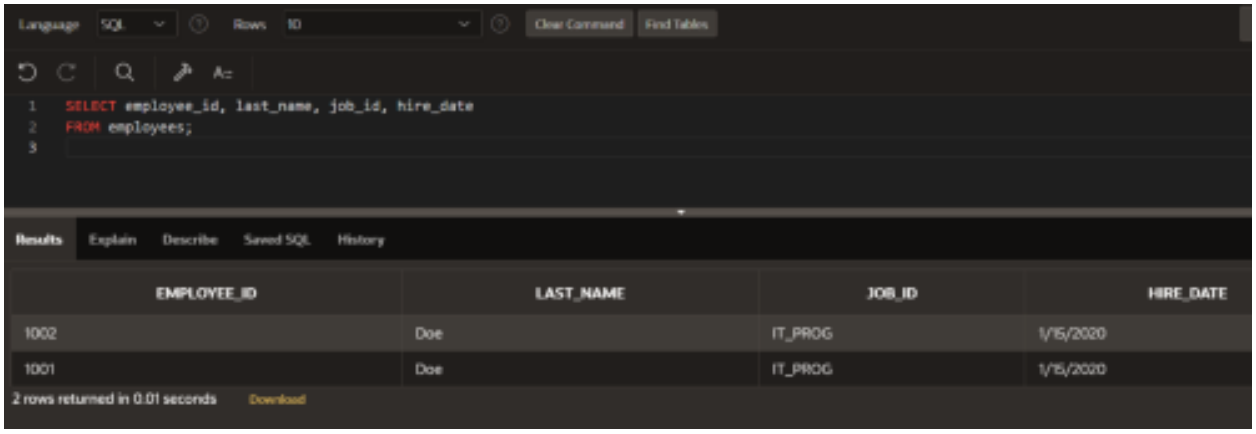
Queries



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.



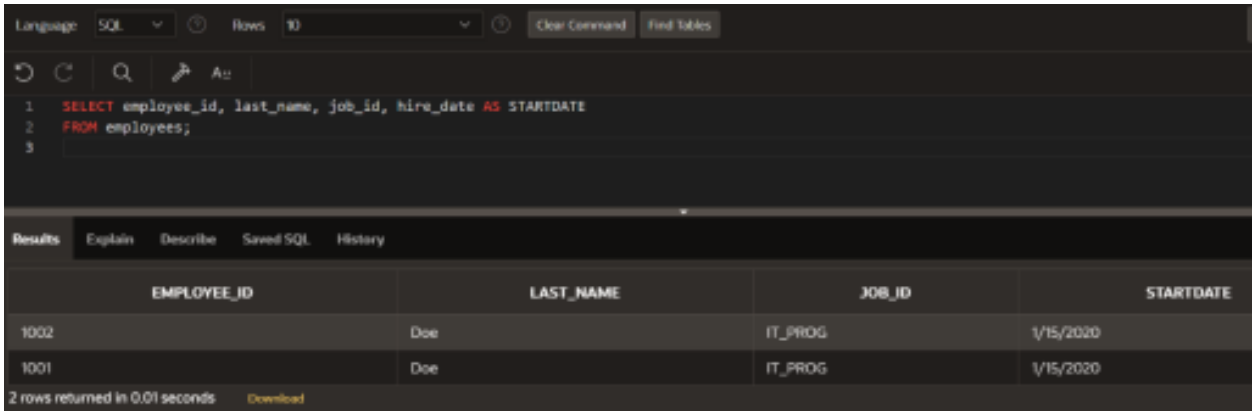
```
SELECT employee_id, last_name, job_id, hire_date
FROM employees;
```

Results | Explain | Describe | Saved SQL | History

EMPLOYEE_ID	LAST_NAME	JOB_ID	HIRE_DATE
1002	Doe	IT_PROG	1/15/2020
1001	Doe	IT_PROG	1/15/2020

2 rows returned in 0.01 seconds Download

4. Provide an alias STARTDATE for the hire date.



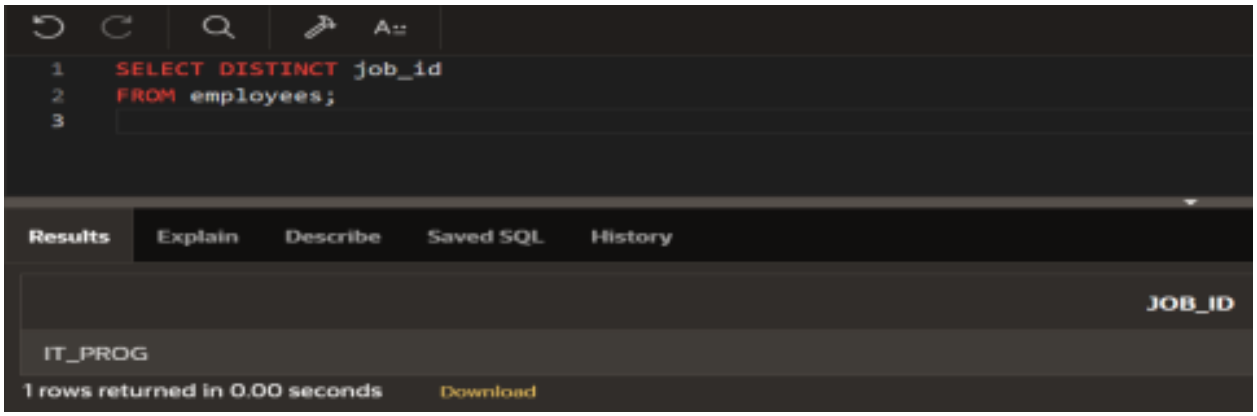
```
SELECT employee_id, last_name, job_id, hire_date AS STARTDATE
FROM employees;
```

Results | Explain | Describe | Saved SQL | History

EMPLOYEE_ID	LAST_NAME	JOB_ID	STARTDATE
1002	Doe	IT_PROG	1/15/2020
1001	Doe	IT_PROG	1/15/2020

2 rows returned in 0.01 seconds Download

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



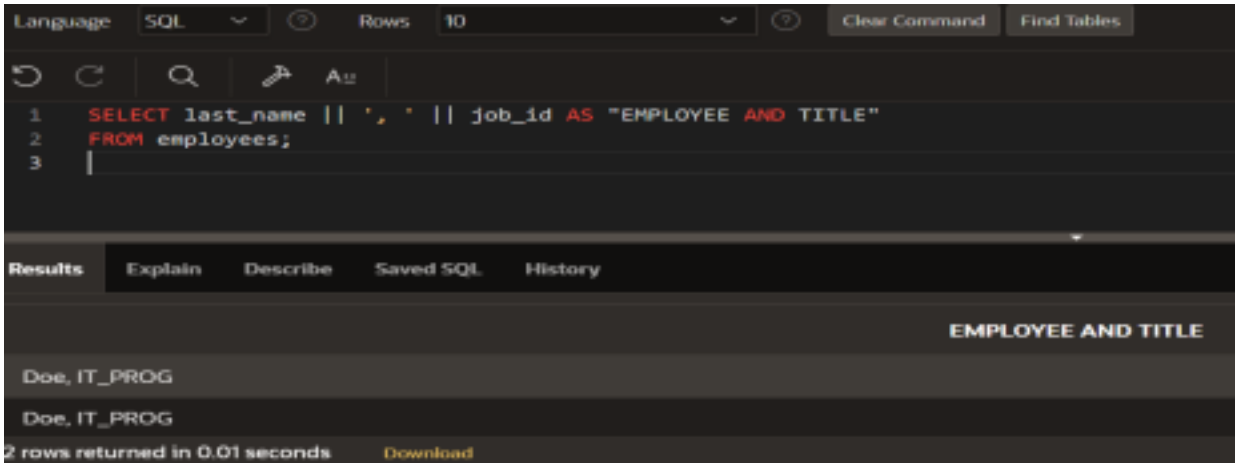
```
SELECT DISTINCT job_id
FROM employees;
```

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.



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