

# DBMS EX - 4

Name	Palachuru Nandu Priya
Roll No	241801195
Department	AI & DS

## Exercise : 4

1. The following statement executes successfully.

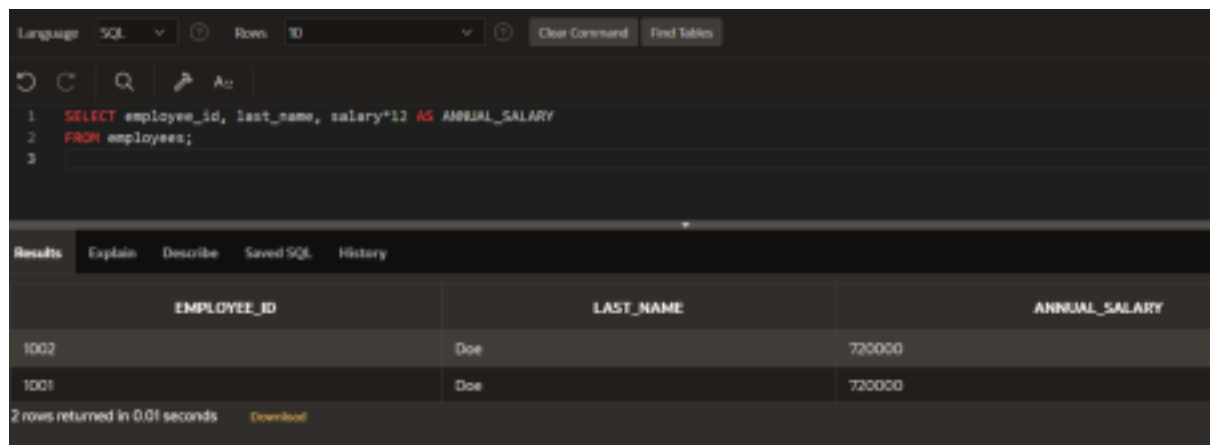
### Identify the Errors

```
SELECT employee_id, last_name
```

```
sal*12 ANNUAL SALARY
```

```
FROM employees;
```

### Queries



Language: SQL Rows: 10 Clear Command Find Tables

```
1 SELECT employee_id, last_name, salary*12 AS ANNUAL_SALARY
2 FROM employees;
3
```

Results Explain Describe Saved SQL History

EMPLOYEE_ID	LAST_NAME	ANNUAL_SALARY
1002	Doe	720000
1001	Doe	720000

2 rows returned in 0.01 seconds Download

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

Language: SQL Rows: 10 Clear Command Find Tables

Language: SQL Rows: 10 Clear Command Find Tables

```

1 SELECT * FROM departments;
2

```

Results Explain Describe Saved SQL History

DEPARTMENT_ID	DEPARTMENT_NAME	LOCATION_ID
10	IT	101
20	Human Resources	102
30	Finance	103

3 rows returned in 0.02 seconds Download

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

Language: SQL Rows: 10 Clear Command Find Tables

```

1 SELECT employee_id, last_name, job_id, hire_date
2 FROM employees;
3

```

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.

Language: SQL Rows: 10 Clear Command Find Tables

```

1 SELECT employee_id, last_name, job_id, hire_date AS STARTDATE
2 FROM employees;
3

```

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.

1	SELECT DISTINCT job_id
2	FROM employees;
3	

Results	Explain	Describe	Saved SQL	History
JOB_ID				
IT_PROG				
1 rows returned in 0.00 seconds <a href="#">Download</a>				

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

LanguageSQLRows10Clear CommandFind Tables

<

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

LanguageSQLRows10Clear CommandFind Tables

A=

1SELECT employee\_id || ',' ||  
2first\_name || ',' ||  
3last\_name || ',' ||  
4email || ',' ||  
5phone\_number || ',' ||  
6hire\_date || ',' ||  
7job\_id || ',' ||  
8salary || ',' ||  
9commission\_pct || ',' ||  
10manager\_id || ',' ||  
11department\_id AS THE\_OUTPUT  
12FROM employees;  
13

Results

ExplainDescribeSaved SQLHistory

THE\_OUTPUT

1002,Khan,Doe,Khan.doe@example.com,2234567890,1/15/2020,IT\_PROG,60000,11000,10  
1001,John,Doe,John.doe@example.com,1234567890,1/15/2020,IT\_PROG,60000,11000,10

2 rows returned in 0.01 secondsDownload