1. The following statement executes successfully.
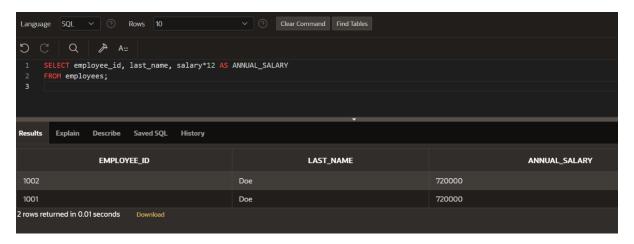
Identify the Errors

 SELECT employee_id, last_name
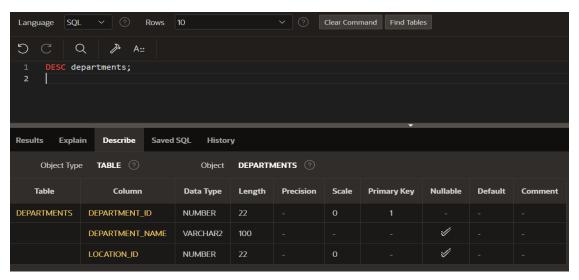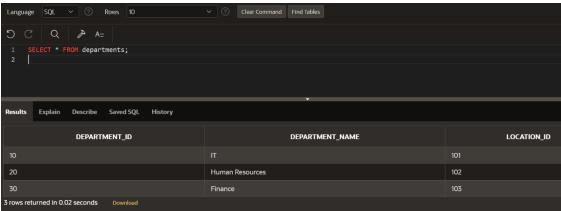
sal*12 ANNUAL SALARY
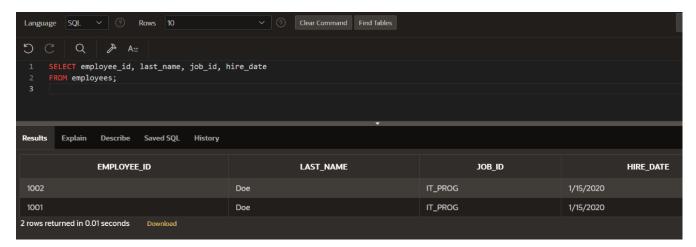
FROM employees;

Queries

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

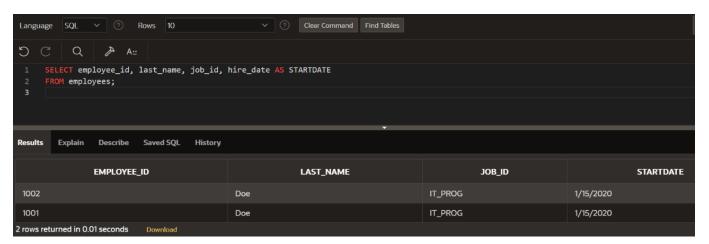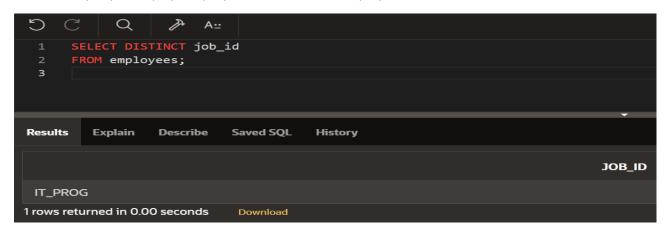3. Create a query to display the last name, job code, hire date, and employee number for each employee, with employee number appearing first.

```
Language  SQL  ∨  ⑦   Rows  10              ∨  ⑦   Clear Command   Find Tables

↺  C   Q   ⚹  A::
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  ∨  ⑦   Rows  10              ∨  ⑦   Clear Command   Find Tables

↺  C   Q   ⚹  A::
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.

```
↺   C      Q        ⚹     A::
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   Download

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

```
1   SELECT last_name || ', ' || job_id AS "EMPLOYEE AND TITLE"
2   FROM employees;
3   |
```

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.

```
1   SELECT employee_id || ',' ||
2       first_name || ',' ||
3       last_name || ',' ||
4       email || ',' ||
5       phone_number || ',' ||
6       hire_date || ',' ||
7       job_id || ',' ||
8       salary || ',' ||
9       commission_pct || ',' ||
10      manager_id || ',' ||
11      department_id AS THE_OUTPUT
12  FROM employees;
13
```

Results Explain Describe Saved SQL History

THE_OUTPUT
1002,Khan,Doe,Khan.doe@example.com,2234567890,1/15/2020,IT_PROG,60000,.1,1000,10
1001,John,Doe,john.doe@example.com,1234567890,1/15/2020,IT_PROG,60000,.1,1000,10

2 rows returned in 0.01 seconds   Download