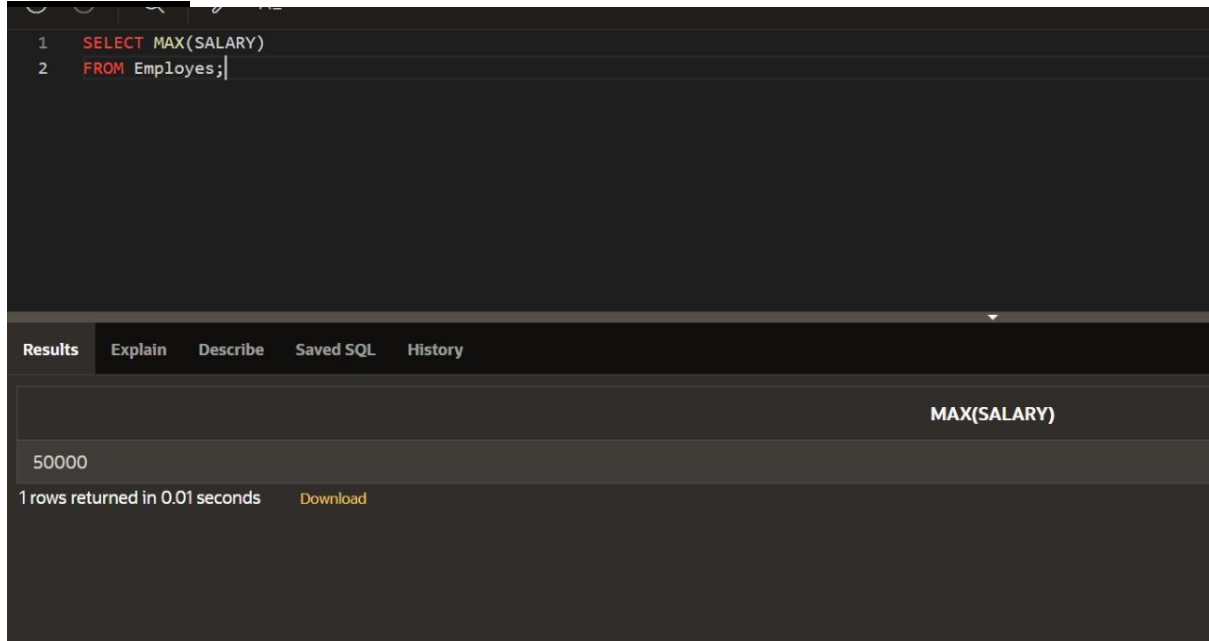


SECTION 8

DP 8.1:

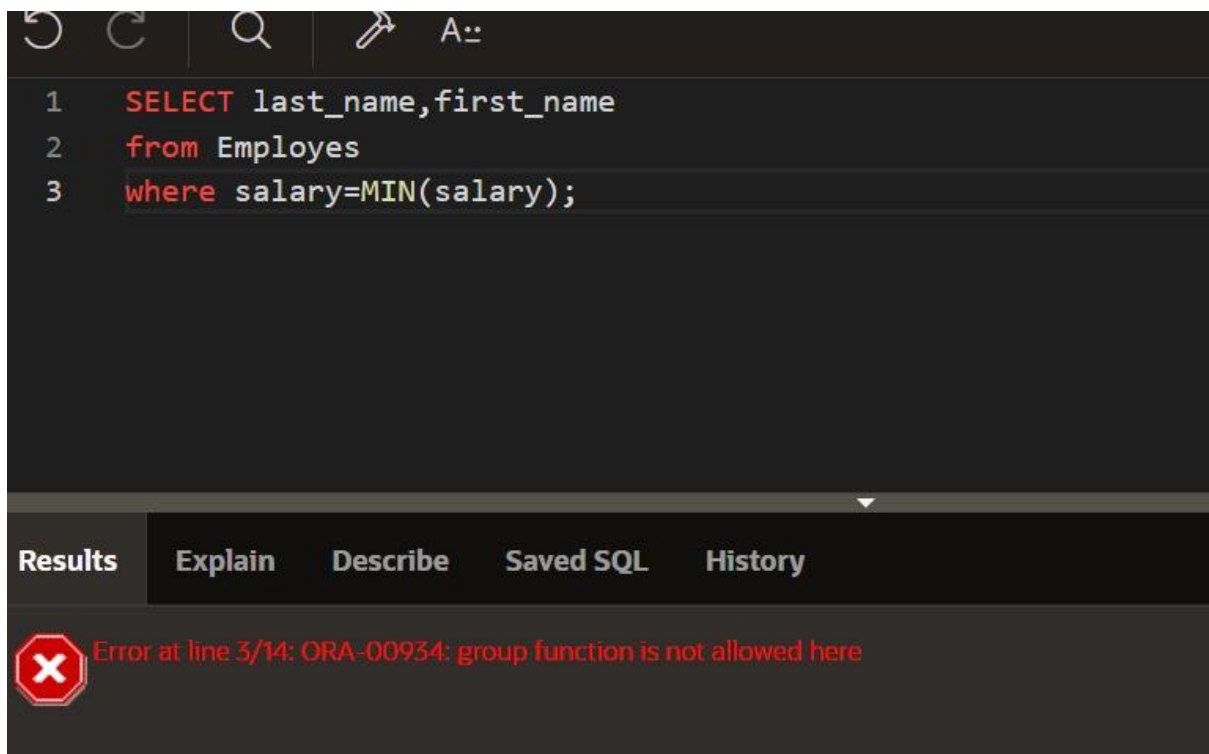


The screenshot shows a SQL query editor with the following code:

```
1 SELECT MAX(SALARY)
2 FROM Employees;
```

Below the editor, the 'Results' tab is selected. The results table has one column, 'MAX(SALARY)', and one row with the value '50000'. The status bar indicates '1 rows returned in 0.01 seconds' and provides a 'Download' link.

MAX(SALARY)
50000



The screenshot shows a SQL query editor with the following code:

```
1 SELECT last_name, first_name
2 from Employees
3 where salary=MIN(salary);
```

Below the editor, the 'Results' tab is selected. An error message is displayed: 'Error at line 3/14: ORA-00934: group function is not allowed here'.

Error at line 3/14: ORA-00934: group function is not allowed here

Find Tables

↶ ↷ 🔍 ↵ A:: ⚙️

```
1 SELECT MAX(SALARY), MIN(SALARY), MIN(employee_id)
2 FROM Employees
3 WHERE department_id=2451;
```

Results Explain Describe Saved SQL History

MAX(SALARY)	MIN(SALARY)	MIN(EMPLOYEE_ID)
50000	50000	1

1 rows returned in 0.00 seconds [Download](#)

↶ ↷ 🔍 ↵ A:: ⚙️

```
1 SELECT AVG(SALARY)
2 FROM Employees;
```

Results Explain Describe Saved SQL History

AVG(SALARY)
45000

1 rows returned in 0.00 seconds [Download](#)

DP 8.2:

Find TablesSave

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1

SELECT COUNT(job_id)

2

FROM Employees;

Results

Explain

Describe

Saved SQL

History

COUNT(JOB_ID)

3

1 rows returned in 0.00 seconds

Download

Find Tables

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A=

1

SELECT COUNT(salary)

2

FROM Employees;

Results

Explain

Describe

Saved SQL

History

COUNT(SALARY)

3

1 rows returned in 0.01 seconds

Download

```
1 SELECT COUNT(*)
2 FROM Employees
3 WHERE hire_date < '01-jan-2020';
```

Download

```
1 SELECT job_id
2 FROM Employees;
```

Download

1
2

```
SELECT DISTINCT job_id
FROM Employees;
```

Results

ExplainDescribeSaved SQLHistory

JOB_ID
DEVELOPER
MANAGER

2 rows returned in 0.00 secondsDownload

↶↷🔍🔗A::⚙️

1
2

```
SELECT DISTINCT job_id,department_id
FROM Employees;
```

Results

ExplainDescribeSaved SQLHistory

JOB_ID	DEPARTMENT_ID
DEVELOPER	21314
MANAGER	2451
DEVELOPER	207943

3 rows returned in 0.00 secondsDownload

```
1 SELECT SUM(salary)
2 FROM EmploYES
3 WHERE department_id=21314;
```

Results

Explain

Describe

Saved SQL

History

SUM(SALARY)

40000

1 rows returned in 0.01 seconds

[Download](#)

    A::

```
1 SELECT SUM(DISTINCT salary)
2 FROM EmploYES
3 WHERE department_id=21314;
```

Results

Explain

Describe

Saved SQL

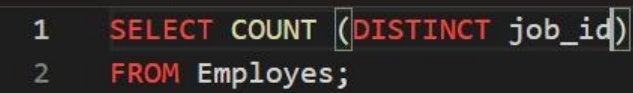
History

SUM(DISTINCTSALARY)

40000

1 rows returned in 0.01 seconds

[Download](#)



COUNT(DISTINCTJOB_ID)

1 rows returned in 0.00 seconds [Download](#)

```
1 SELECT COUNT (DISTINCT salary)
2 FROM Employees;
```

COUNT(DISTINCTSALARY)

1 rows returned in 0.00 seconds [Download](#)

A..

1

SELECT AVG (salary)

2

FROM Employees;

Results

Explain

Describe

Saved SQL

History

AVG(SALARY)

45000

1 rows returned in 0.01 seconds

Download

A..

1

SELECT AVG (NVL(salary,0))

2

FROM Employees;

Results

Explain

Describe

Saved SQL

History

AVG(NVL(SALARY,0))

45000

1 rows returned in 0.00 seconds

Download

A::

1SELECT last_name, location

2FROM Employees e, departments d, jobs j

3WHERE e.job_id = j.job_id

4AND e.department_id =d.department_id;

Results

Explain

Describe

Saved SQL

History

LAST_NAME	LOCATION
Doe	Chicago

1 rows returned in 0.01 seconds

Download