SECTION 8

DP_8.1:

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

Results | Explain | Describe | Saved SQL | History

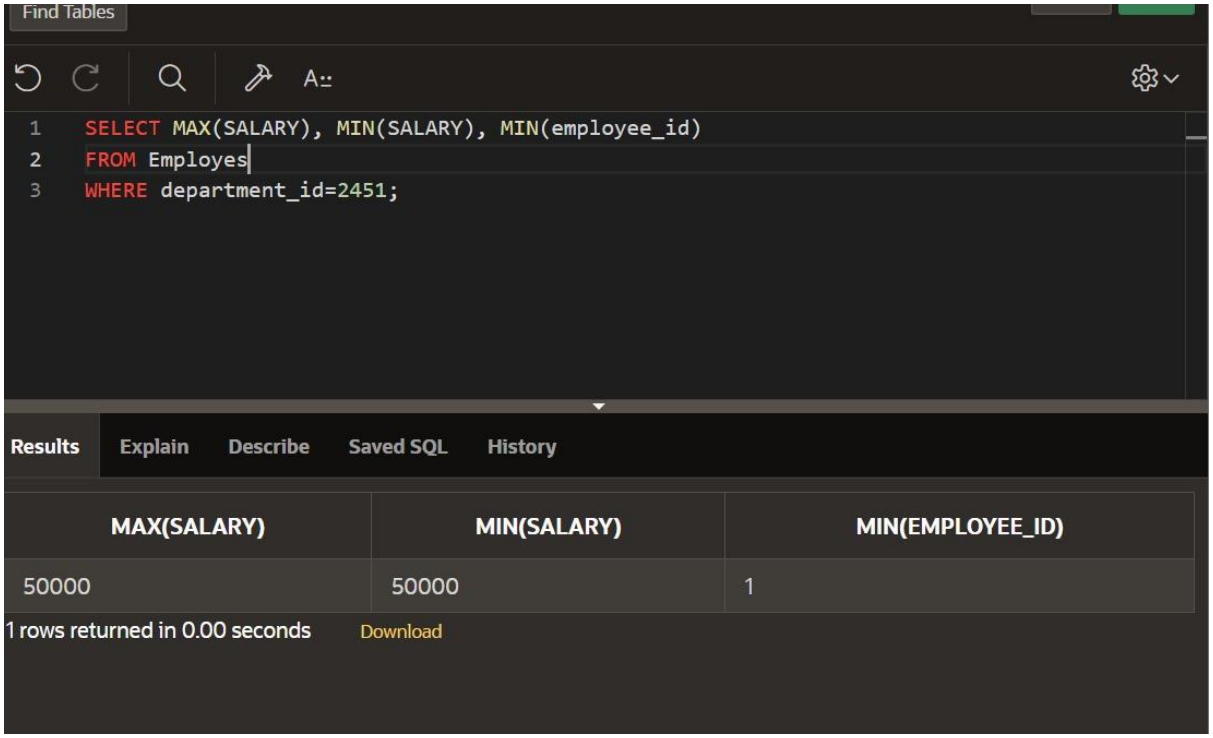
MAX(SALARY)
50000

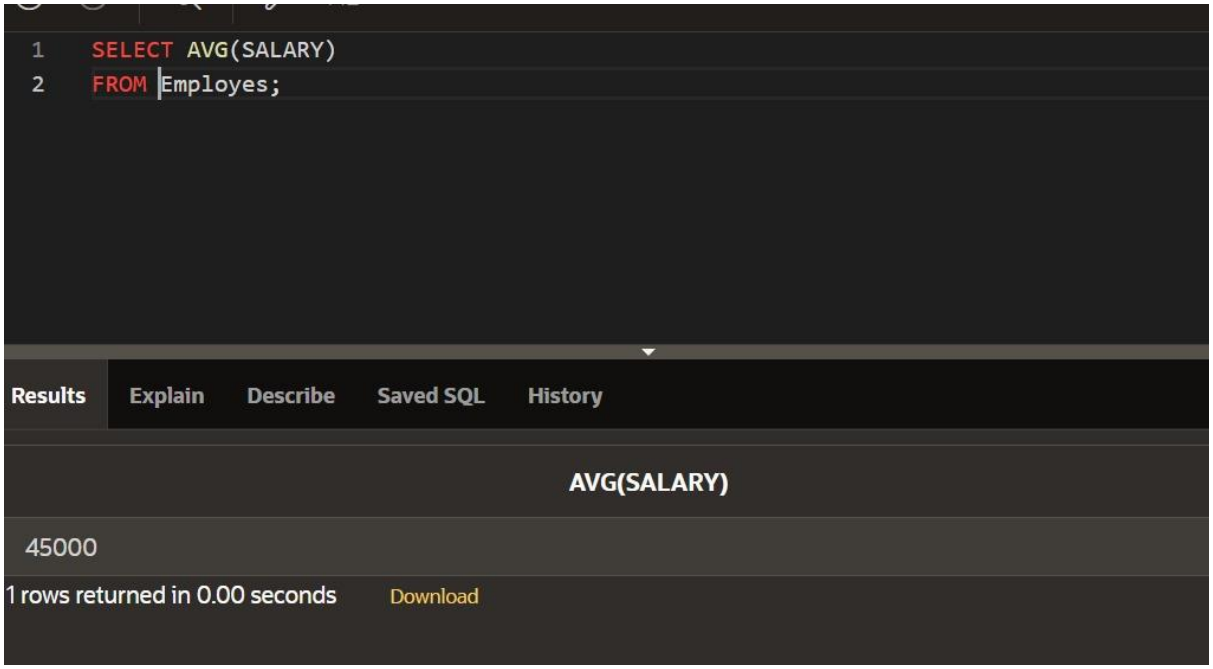
1 rows returned in 0.01 seconds Download

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

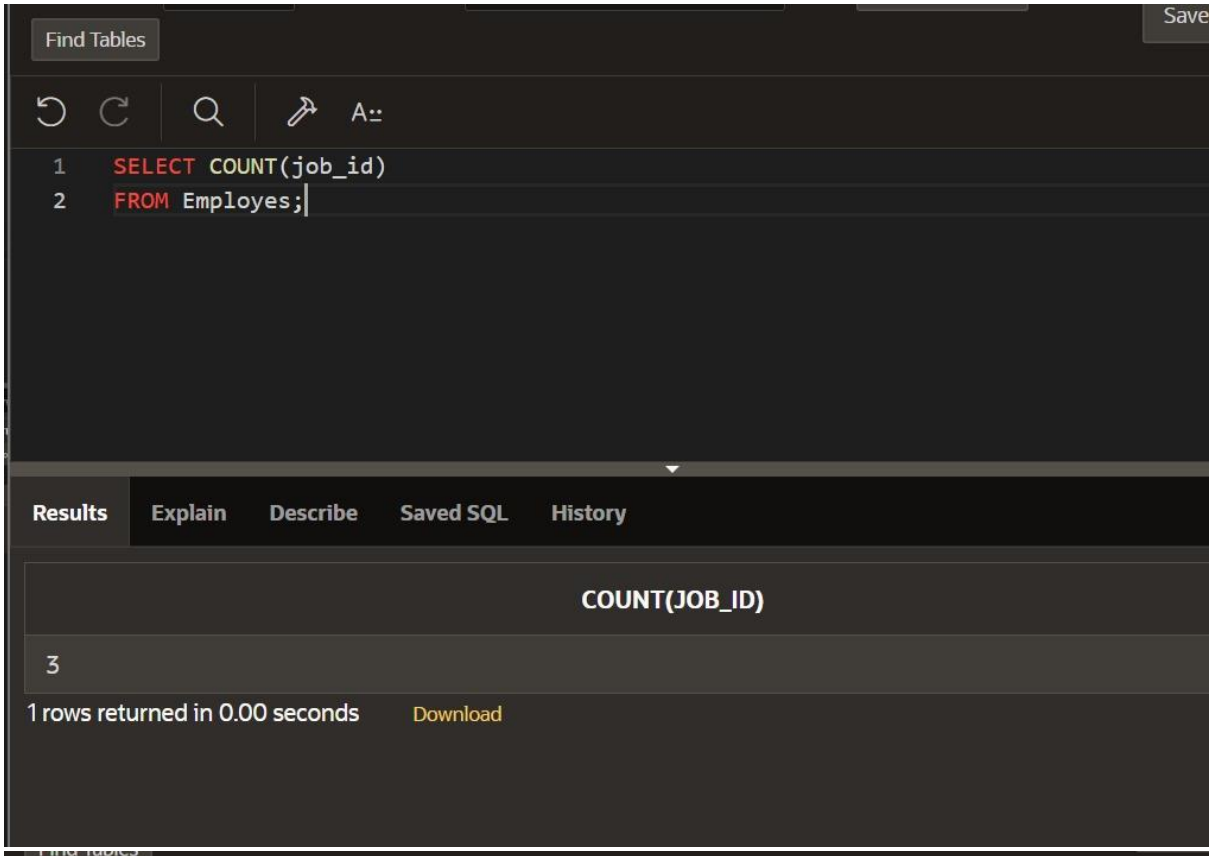
Results | Explain | Describe | Saved SQL | History

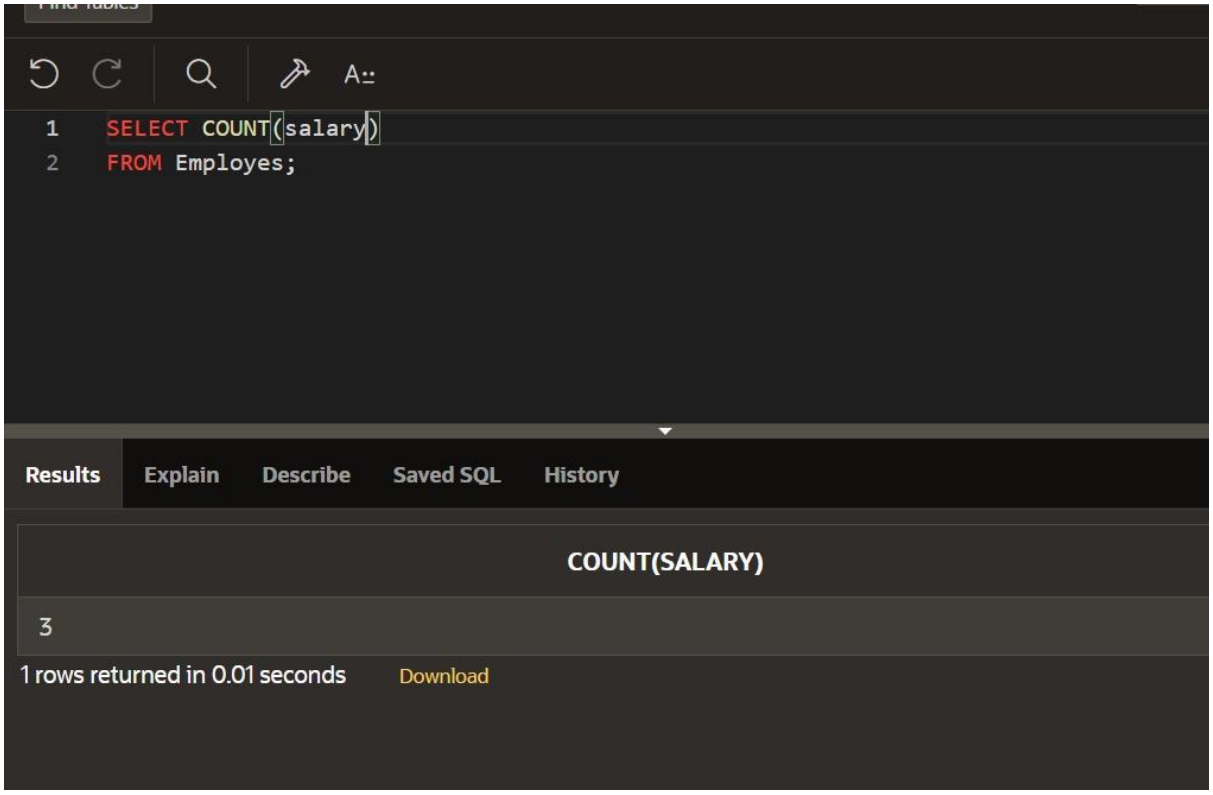
Error at line 3/14: ORA-00934: group function is not allowed here


Find Tables
SELECT MAX(SALARY), MIN(SALARY), MIN(employee_id)
FROM Employes
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


SELECT AVG(SALARY)
FROM Employes;
Results
Explain
Describe
Saved SQL
History
AVG(SALARY)
45000
1 rows returned in 0.00 seconds
Download

DP_8.2:


Find Tables
Save
1 SELECT COUNT(job_id)
2 FROM Employes;
Results
Explain
Describe
Saved SQL
History
COUNT(JOB_ID)
3
1 rows returned in 0.00 seconds
Download


1 SELECT COUNT(salary)
2 FROM Employes;
Results
Explain
Describe
Saved SQL
History
COUNT(SALARY)
3
1 rows returned in 0.01 seconds
Download

```sql
SELECT COUNT(*)
FROM Employes
WHERE hire_date < '01-jan-2020';
```

Results | Explain | Describe | Saved SQL | History

COUNT(*)
0

1 rows returned in 0.01 seconds Download

```sql
SELECT job_id
FROM Employes;
```

Results | Explain | Describe | Saved SQL | History

JOB_ID
DEVELOPER
MANAGER
DEVELOPER

3 rows returned in 0.00 seconds Download

```sql
SELECT DISTINCT job_id
FROM Employes;
```

Results | Explain | Describe | Saved SQL | History

JOB_ID
DEVELOPER
MANAGER

2 rows returned in 0.00 seconds Download

```sql
SELECT DISTINCT job_id,department_id
FROM Employes;
```

Results | Explain | Describe | Saved SQL | History

JOB_ID	DEPARTMENT_ID
DEVELOPER	21314
MANAGER	2451
DEVELOPER	207943

3 rows returned in 0.00 seconds Download

```sql
SELECT SUM(salary)
FROM Employes
WHERE department_id=21314;
```

Results | Explain | Describe | Saved SQL | History

SUM(SALARY)
40000

1 rows returned in 0.01 seconds Download

```sql
SELECT SUM(DISTINCT salary)
FROM Employes
WHERE department_id=21314;
```

Results | Explain | Describe | Saved SQL | History

SUM(DISTINCTSALARY)
40000

1 rows returned in 0.01 seconds Download

```
1  SELECT COUNT (DISTINCT job_id)
2  FROM Employes;
```

Results | Explain | Describe | Saved SQL | History

COUNT(DISTINCTJOB_ID)
2

1 rows returned in 0.00 seconds Download

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

Results | Explain | Describe | Saved SQL | History

COUNT(DISTINCTSALARY)
3

1 rows returned in 0.00 seconds Download

```
1  SELECT AVG (salary)
2  FROM Employes;
```

Results | Explain | Describe | Saved SQL | History

AVG(SALARY)
45000

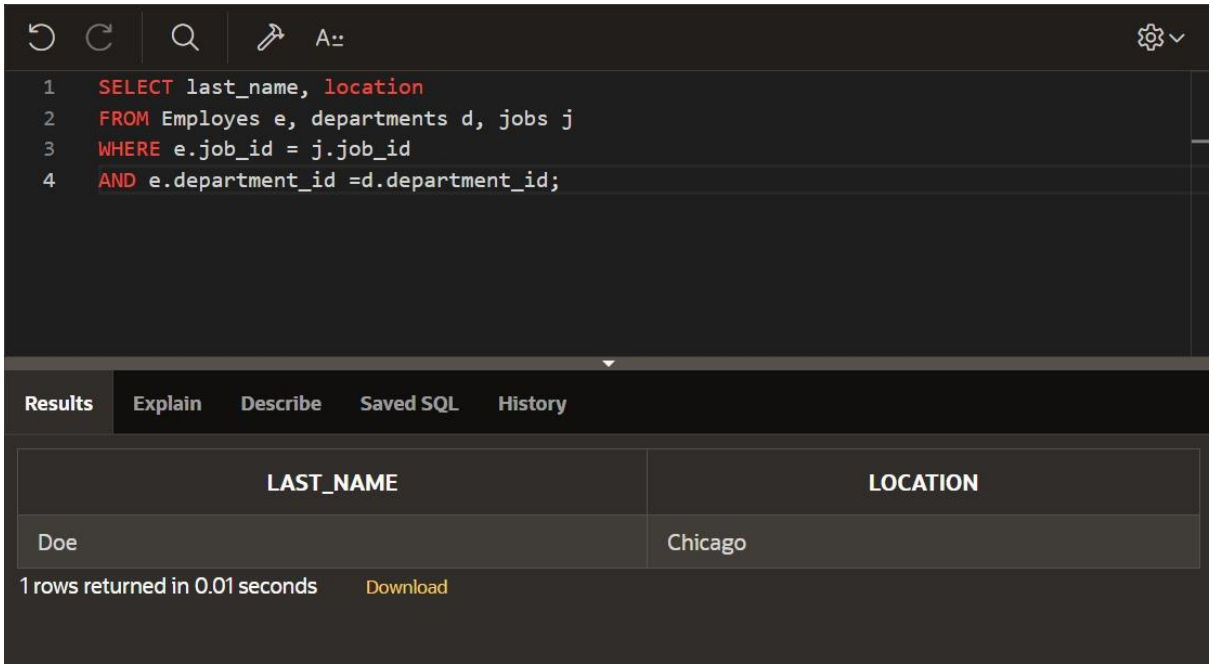
1 rows returned in 0.01 seconds Download

```
1  SELECT AVG (NVL(salary,0))
2  FROM Employes;
```

Results | Explain | Describe | Saved SQL | History

AVG(NVL(SALARY,0))
45000

1 rows returned in 0.00 seconds Download



```
1  SELECT last_name, location
2  FROM Employes e, departments d, jobs j
3  WHERE e.job_id = j.job_id
4  AND 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