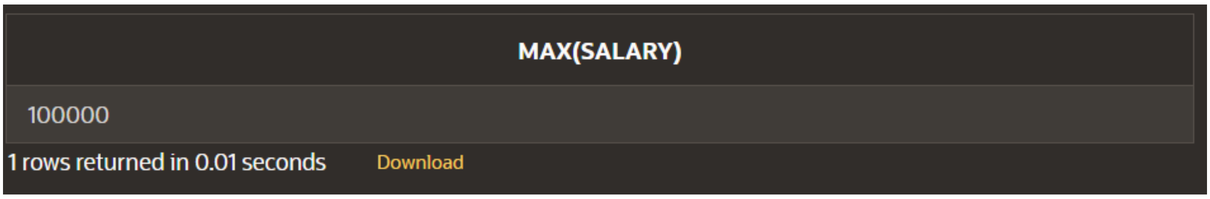
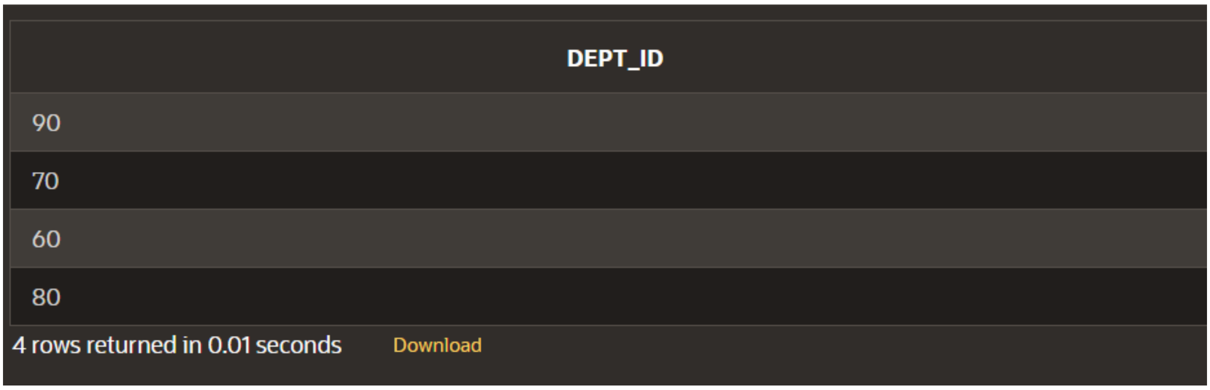
```
SELECT MAX(salary) FROM EMPLOYEE;
```



MAX(SALARY)
100000

1 rows returned in 0.01 seconds Download

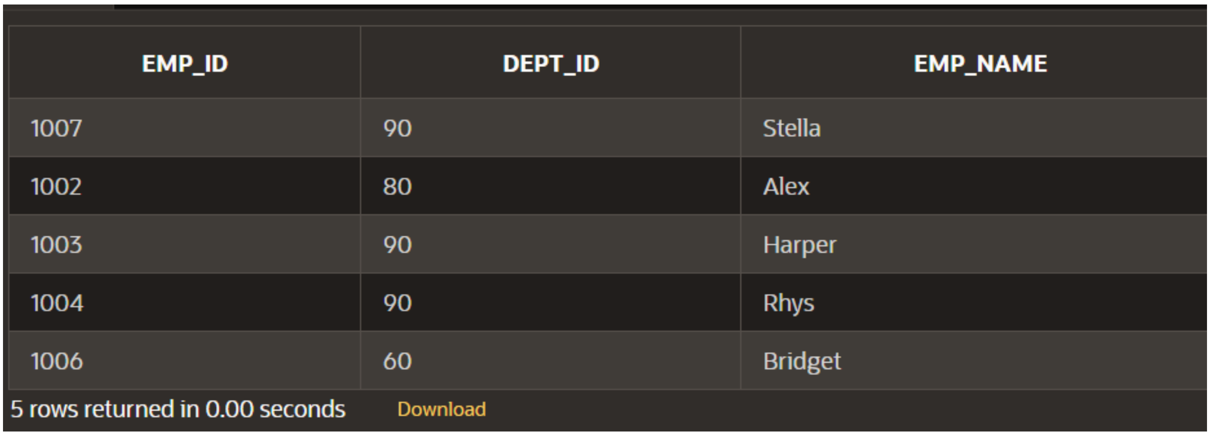
```
SELECT dept_id FROM EMPLOYEE WHERE salary > 60000 GROUP BY dept_id;
```



DEPT_ID
90
70
60
80

4 rows returned in 0.01 seconds Download

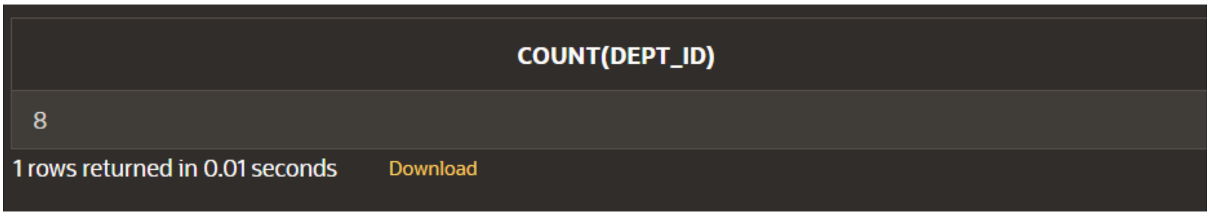
```
SELECT emp_id, dept_id, emp_name

FROM EMPLOYEE

WHERE salary>=70000

GROUP BY emp_id, dept_id, emp_name;
```



EMP_ID	DEPT_ID	EMP_NAME
1007	90	Stella
1002	80	Alex
1003	90	Harper
1004	90	Rhys
1006	60	Bridget

5 rows returned in 0.00 seconds Download

```
SELECT COUNT(dept_id)

FROM EMPLOYEE;
```

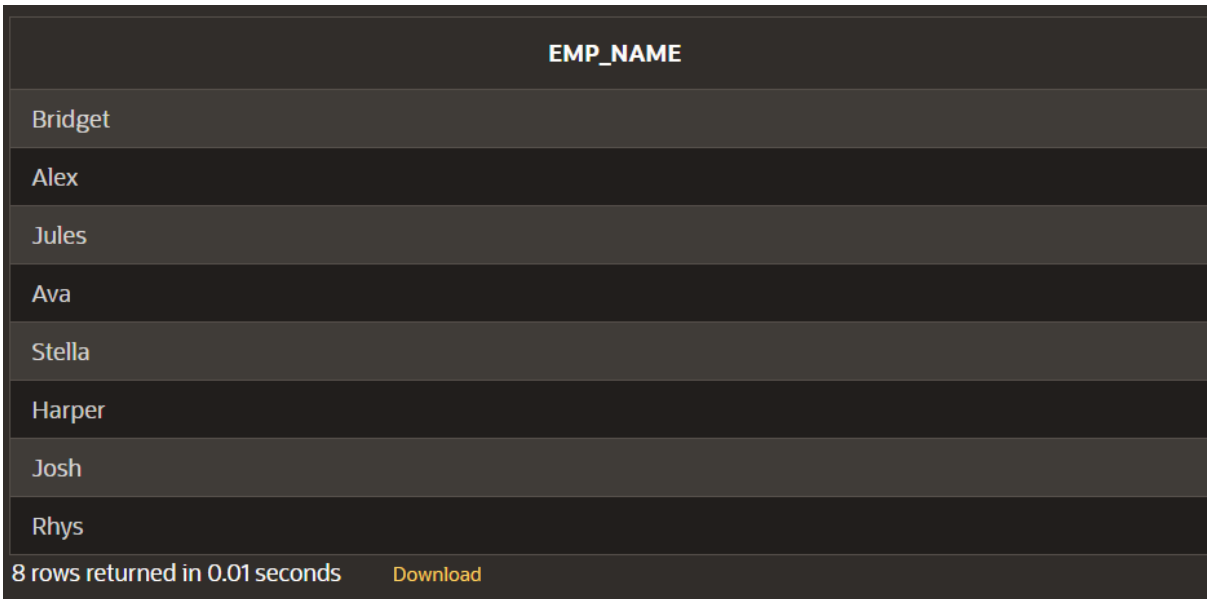


COUNT(DEPT_ID)
8

1 rows returned in 0.01 seconds Download

SELECT DISTINCT emp_name

from EMPLOYEE;

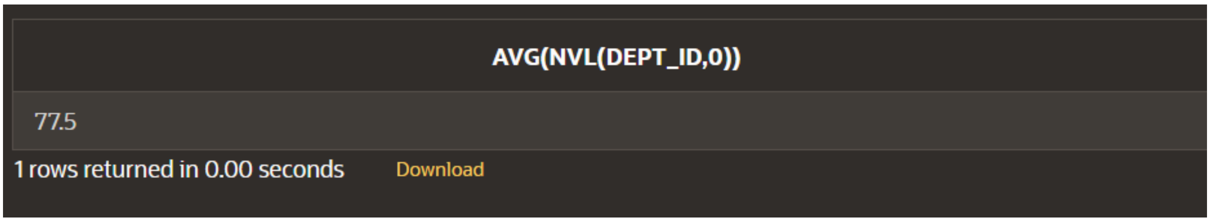


EMP_NAME
Bridget
Alex
Jules
Ava
Stella
Harper
Josh
Rhys

8 rows returned in 0.01 seconds Download

SELECT AVG(NVL(dept_id,0))

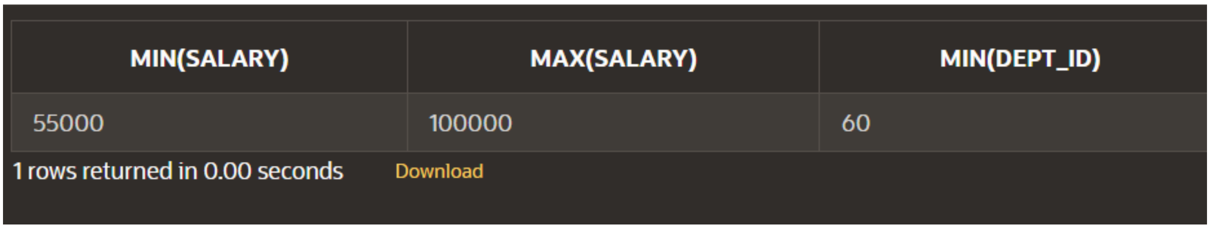
from EMPLOYEE;



AVG(NVL(DEPT_ID,0))
77.5

1 rows returned in 0.00 seconds Download

SELECT MIN(salary),MAX(salary),MIN(dept_id) FROM EMPLOYEE;



MIN(SALARY)	MAX(SALARY)	MIN(DEPT_ID)
55000	100000	60

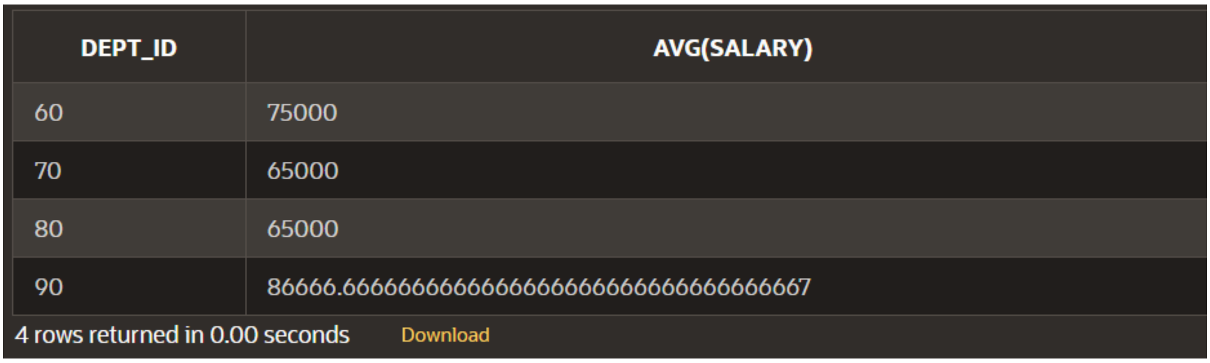
1 rows returned in 0.00 seconds Download

SELECT dept_id,AVG(salary)

FROM EMPLOYEE

GROUP BY dept_id

ORDER BY dept_id;



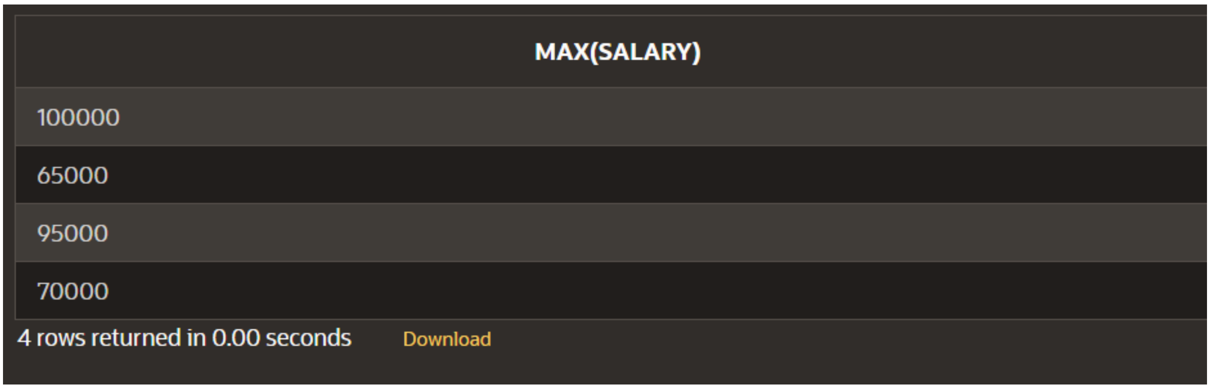
DEPT_ID	AVG(SALARY)
60	75000
70	65000
80	65000
90	86666.666666666666666666666666666666667

4 rows returned in 0.00 seconds Download

SELECT MAX(salary)

FROM EMPLOYEE

GROUP BY dept_id;



MAX(SALARY)
100000
65000
95000
70000

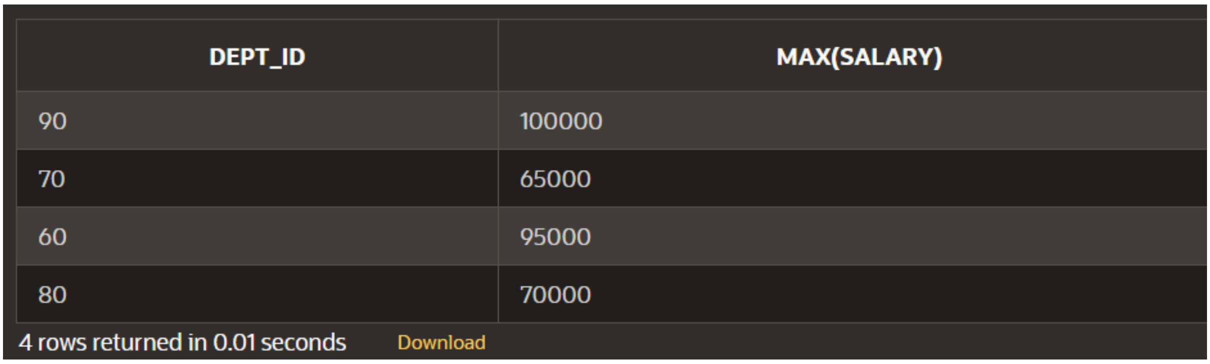
4 rows returned in 0.00 seconds Download

SELECT dept_id, MAX(salary)

FROM EMPLOYEE

where emp_name !='Josh'

GROUP BY dept_id;



DEPT_ID	MAX(SALARY)
90	100000
70	65000
60	95000
80	70000

4 rows returned in 0.01 seconds Download

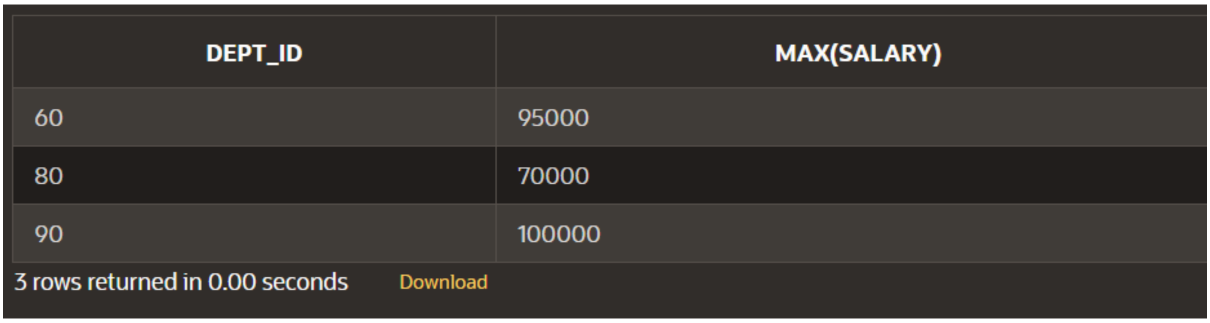
SELECT dept_id, MAX(salary)

FROM EMPLOYEE

GROUP BY dept_id

HAVING count(*)>1

ORDER BY dept_id;



DEPT_ID	MAX(SALARY)
60	95000
80	70000
90	100000

3 rows returned in 0.00 seconds Download

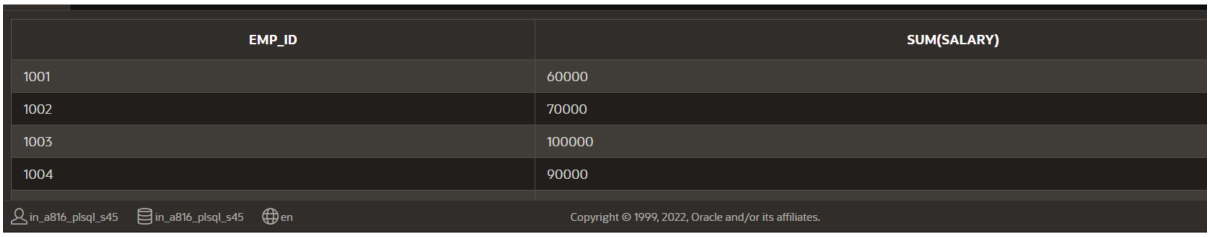
ROLLUP/ ROLLBACK:

SELECT emp_id, SUM(salary)

FROM EMPLOYEE

WHERE emp_id < 1005

GROUP BY ROLLUP (emp_id);



EMP_ID	SUM(SALARY)
1001	60000
1002	70000
1003	100000
1004	90000

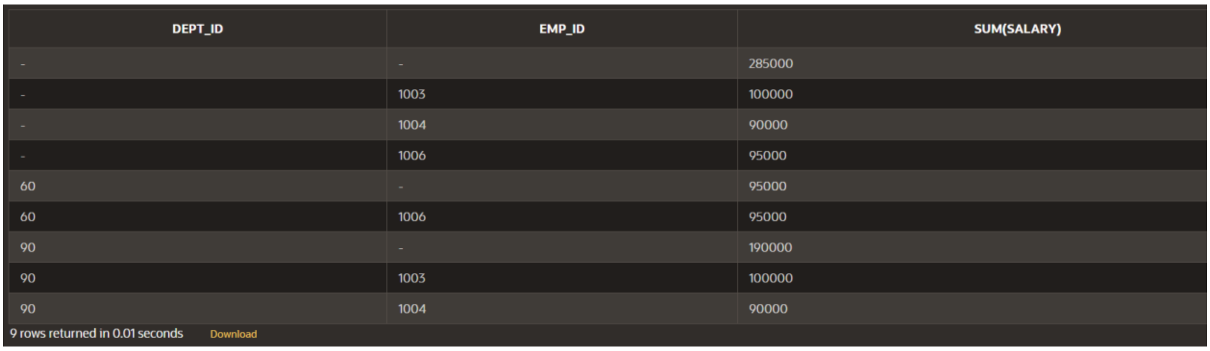
in_a816_plsql_s45 in_a816_plsql_s45 en Copyright © 1999, 2022, Oracle and/or its affiliates.

SELECT Dept_ID, Emp_ID, SUM(SALARY)

FROM EMPLOYEE

WHERE SALARY > 70000

GROUP BY CUBE (Dept_ID, Emp_ID);

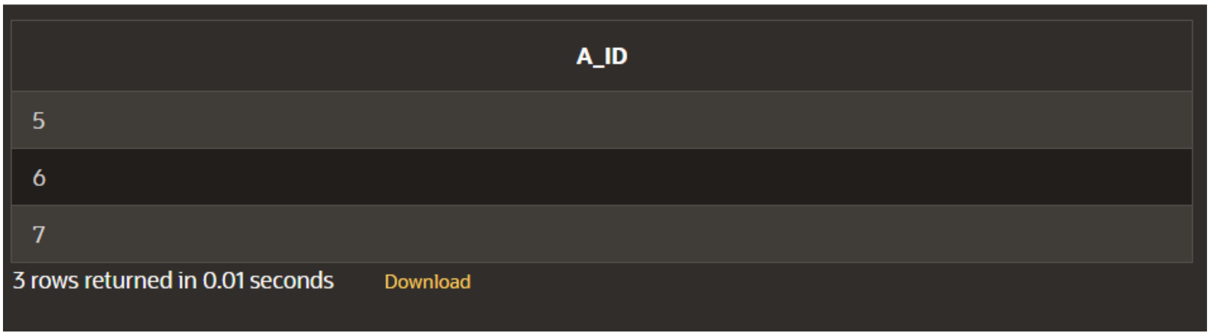


DEPT_ID	EMP_ID	SUM(SALARY)
-	-	285000
-	1003	100000
-	1004	90000
-	1006	95000
60	-	95000
60	1006	95000
90	-	190000
90	1003	100000
90	1004	90000

9 rows returned in 0.01 seconds

INTERSECTION:

SELECT a_id FROM a INTERSECT SELECT b_id FROM b;

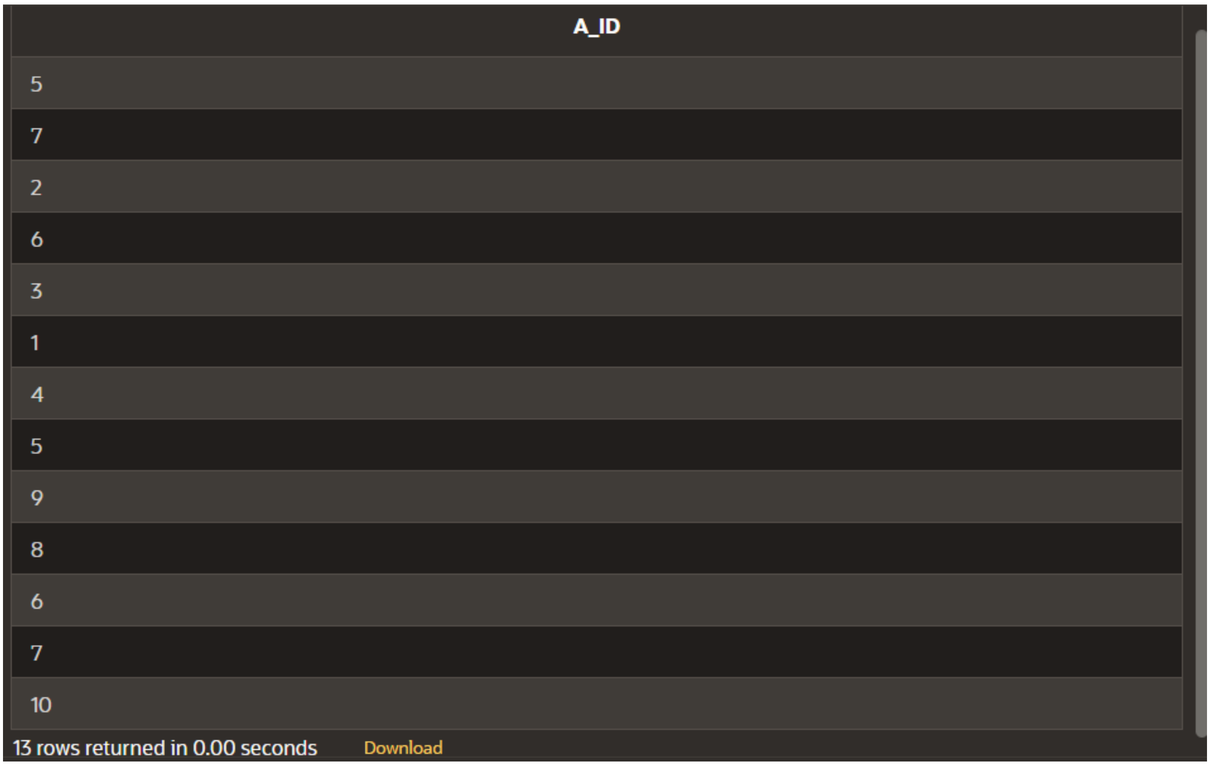


A_ID
5
6
7

3 rows returned in 0.01 seconds

UNION:

```
SELECT a_id

FROM a

UNION ALL

SELECT b_id

FROM b;
```

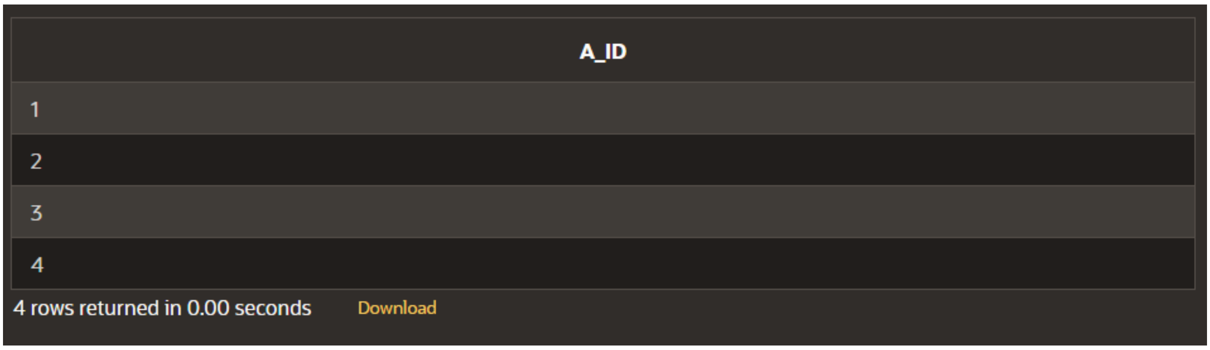


A_ID
5
7
2
6
3
1
4
5
9
8
6
7
10

13 rows returned in 0.00 seconds Download

MINUS:

```
SELECT a_id FROM a MINUS SELECT b_id FROM b;
```

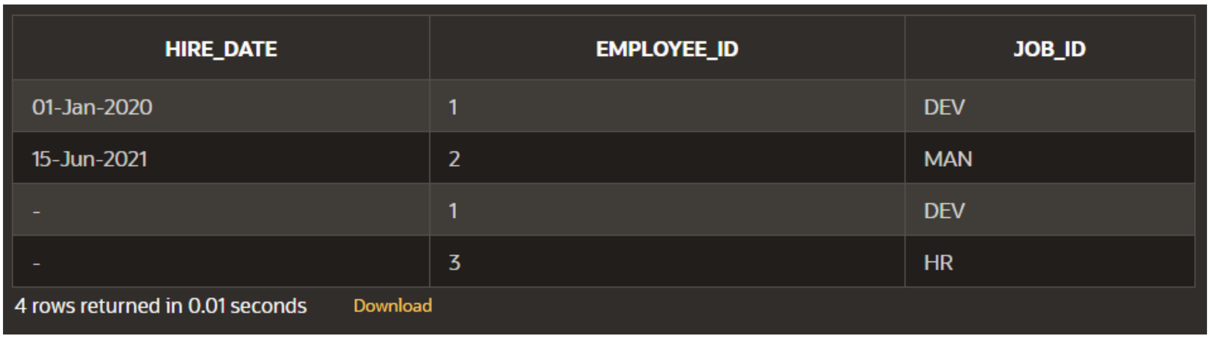


A_ID
1
2
3
4

4 rows returned in 0.00 seconds Download

SET OPERATOR:

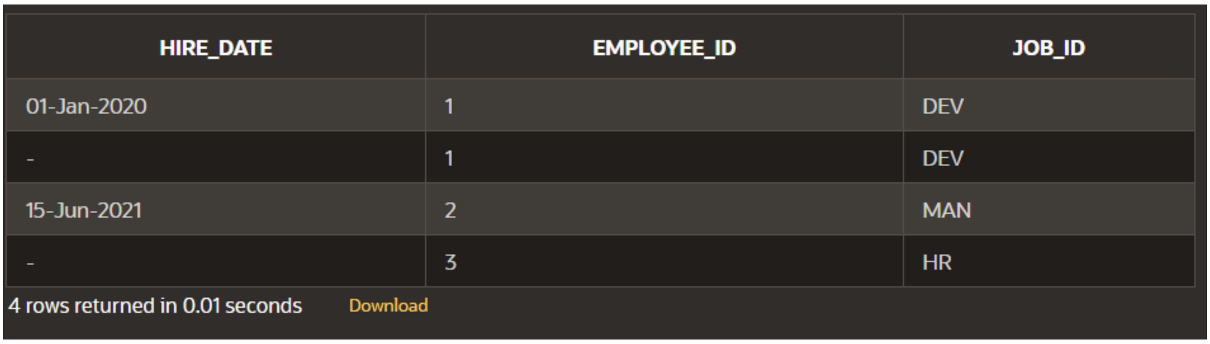
```
SELECT hire_date, employee_id, job_id

FROM employeee

UNION

SELECT TO_DATE(NULL), employee_id, job_id

FROM job_history;
```



HIRE_DATE	EMPLOYEE_ID	JOB_ID
01-Jan-2020	1	DEV
15-Jun-2021	2	MAN
-	1	DEV
-	3	HR

4 rows returned in 0.01 seconds Download

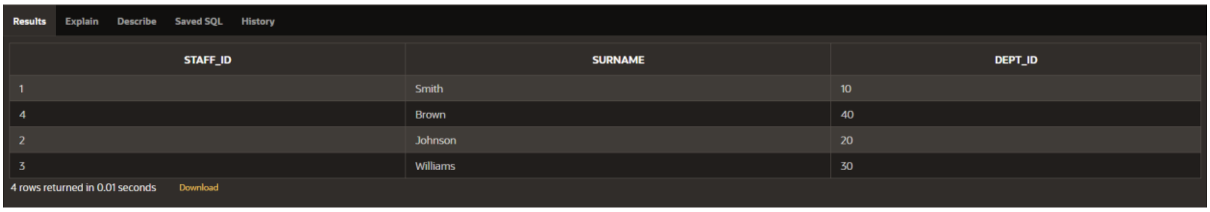
```
SELECT hire_date, employee_id, job_id

FROM employeee

UNION

SELECT TO_DATE(NULL),employee_id, job_id

FROM job_history

ORDER BY employee_id;
```



HIRE_DATE	EMPLOYEE_ID	JOB_ID
01-Jan-2020	1	DEV
-	1	DEV
15-Jun-2021	2	MAN
-	3	HR

4 rows returned in 0.01 seconds Download

```
MERGE INTO staff_copy sc

USING staff s

ON (sc.staff_id = s.staff_id)

WHEN MATCHED THEN UPDATE

SET

  sc.surname = s.surname,

  sc.dept_id = s.dept_id

WHEN NOT MATCHED THEN INSERT

VALUES (s.staff_id, s.surname, s.dept_id);
```



STAFF_ID	SURNAME	DEPT_ID
1	Smith	10
4	Brown	40
2	Johnson	20
3	Williams	30

4 rows returned in 0.01 seconds

SEQUENCE:

CREATE SEQUENCE runner_id_seq

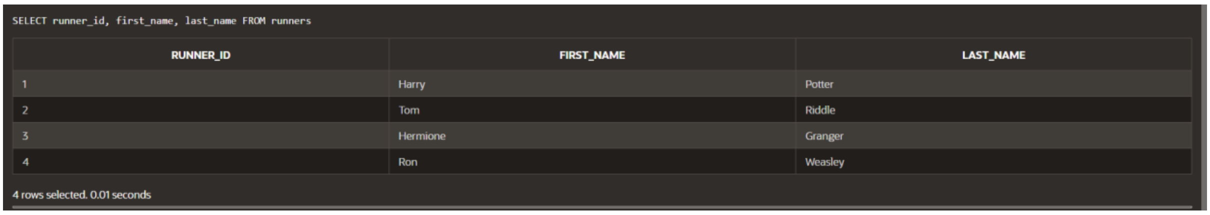
INCREMENT BY 1

START WITH 1

MAXVALUE 50000

NOCACHE

NOCYCLE;



```
SELECT runner_id, first_name, last_name FROM runners
```

RUNNER_ID	FIRST_NAME	LAST_NAME
1	Harry	Potter
2	Tom	Riddle
3	Hermione	Granger
4	Ron	Weasley

4 rows selected. 0.01 seconds