



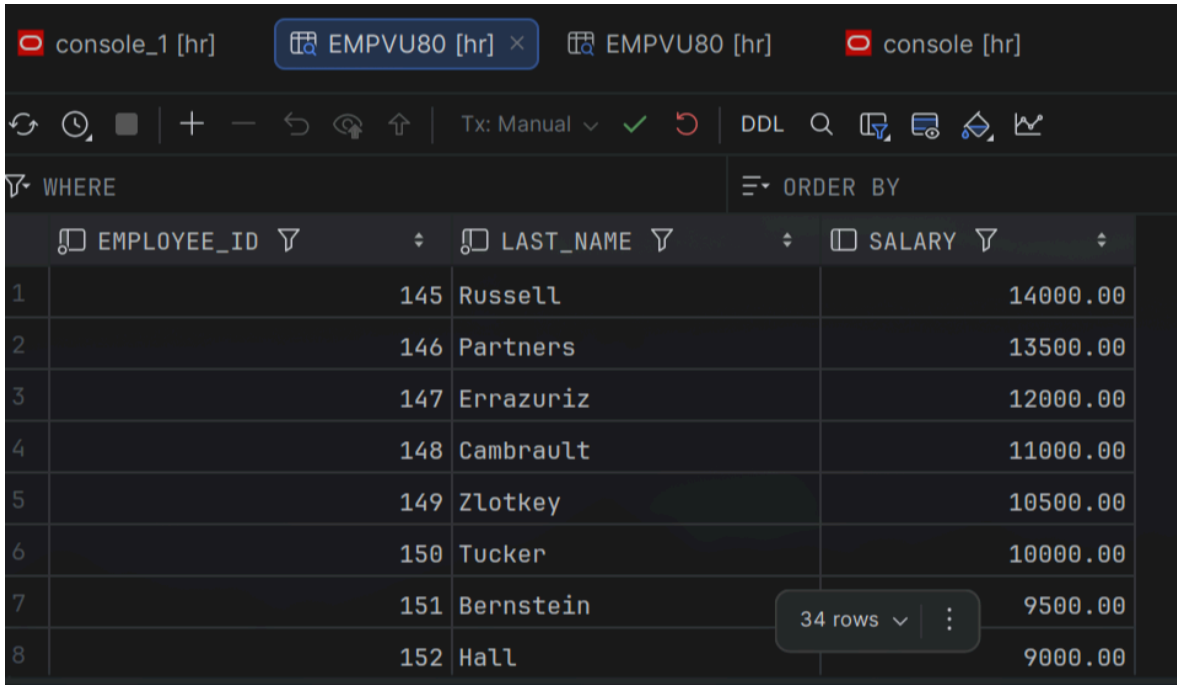
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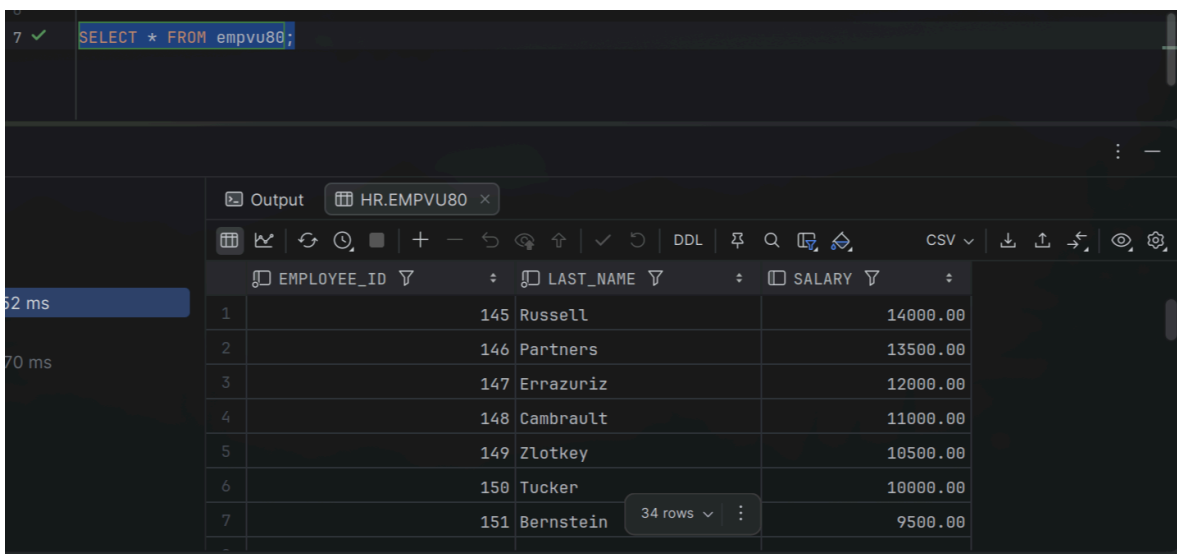
Práctica 11. Práctica sobre vistas

1.-



	EMPLOYEE_ID	LAST_NAME	SALARY
1	145	Russell	14000.00
2	146	Partners	13500.00
3	147	Errazuriz	12000.00
4	148	Cambrault	11000.00
5	149	Zlotkey	10500.00
6	150	Tucker	10000.00
7	151	Bernstein	9500.00
8	152	Hall	9000.00

2.-



```
7 ✓ SELECT * FROM empvu80;
```

	EMPLOYEE_ID	LAST_NAME	SALARY
1	145	Russell	14000.00
2	146	Partners	13500.00
3	147	Errazuriz	12000.00
4	148	Cambrault	11000.00
5	149	Zlotkey	10500.00
6	150	Tucker	10000.00
7	151	Bernstein	9500.00

3.-

console_1 [hr] SALVU50 [hr] EMPVU80 [hr] EMPVU80 [hr]

Tx: Manual ✓

DDL Q

WHERE ORDER BY

	ID_NUMBER	NAME	ANN_SALARY
1	120	Weiss	96000
2	121	Fripp	98400
3	122	Kaufling	94800
4	123	Vollman	78000
5	124	Mourgos	69600
6	125	Nayer	38400
7	126	Mikkilineni	32400
8	127	Landry	28800
9	128	Markle	26400
10	129	Bissot	39600
11	130	Atkinson	33600

45 rows

17 ✓ SELECT * from salvu50

Output HR.SALVU50

DDL Q

CSV

	ID_NUMBER	NAME	ANN_SALARY
1	120	Weiss	96000
2	121	Fripp	98400
3	122	Kaufling	94800
4	123	Vollman	78000
5	124	Mourgos	69600
6	125	Nayer	38400
7	126	Mikkilineni	32400
8	127	Landry	28800
9	128	Markle	26400
10	129	Bissot	39600
11	130	Atkinson	33600

45 rows

```

CREATE OR REPLACE VIEW empvu80 (id_number, name, sal, dept_id)
AS
SELECT id_number employee_id, name first_name || ' ' || last_name,
       sal salary, dept_id department_id
FROM employees
WHERE department_id = 80;

```



Output

HR.SALVU50

```

       salary, department_id
FROM employees
WHERE department_id = 80

[2026-02-16 11:43:53] completed in 69 ms

```

console_1 [hr] x EMPVU80 [hr]

Tx: Manual ✓ Script v

```

20 CREATE OR REPLACE VIEW empvu80 (id_number, name, sal, dept_id)
21
24 FROM employees
25 WHERE department_id = 80;
26
27 ✓ SELECT * FROM empvu80;

```

Output HR.EMPVU80 x

ID_NUMBER	NAME	SAL	DEPT_ID
145	John Russell	14000.00	80
146	Karen Partners	13500.00	80
147	Alberto Errazuriz	12000.00	80
148	Gerald Cambrault	11000.00	80
149	Eleni Zlotkey	10500.00	80
150	Peter Tucker	10000.00	80
151	David Bernstein	9500.00	80
152	Peter Hall	9000.00	80

34 rows v

5.-

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[illegible]

The screenshot shows the SQL Developer interface. The top pane displays the following SQL code:

```
CREATE VIEW department_sum_vu(name,minsal,maxsal,avgsal)
WHERE e.DEPARTMENT_ID = d.DEPARTMENT_ID
GROUP BY d.department_name;
SELECT * FROM department_sum_vu;
```

The bottom pane shows the output of the query, titled "Output HR.DEPARTMENT_SUM_VU". It displays a table with 11 rows and 4 columns: NAME, MINSAL, MAXSAL, and AVGSAL.

	NAME	MINSAL	MAXSAL	AVGSAL
3	Purchasing	2500	11000	4150
4	Human Resources	6500	6500	6500
5	IT	4200	9000	5760
6	Public Relations	10000	10000	10000
7	Executive	17000	24000	19333.3333333333333333333333333333...
8	Shipping	2100	8200	3475.555555555555555555555555555555...
9	Sales	6100	8955.88235294117647058823529411764...	
10	Finance	6900	8601.33333333333333333333333333333333...	

A tooltip indicates "11 rows" are displayed.

6.-

```
CREATE OR REPLACE VIEW department_sum_vu(name,minsal,maxsal,avgsal)
SELECT name d.department_name,
       minsal MIN(e.salary),
       maxsal MAX(e.salary),
       avgsal TRUNC (AVG(e.salary), 2)
FROM EMPLOYEES e, departments d
WHERE e.DEPARTMENT_ID = d.DEPARTMENT_ID
GROUP BY d.department_name
ORDER BY d.DEPARTMENT_NAME;
```

console_1 [hr] x DEPARTMENT_SUM_VU [hr] EMPVU80 [hr]

Tx: Manual ✓ Script v

44 SELECT * FROM department_sum_vu
45 ORDER BY avgsal ASC;
46
47 ✓ SELECT * FROM department_sum_vu

Output HR.DEPARTMENT_SUM_VU x

	NAME	MINSAL	MAXSAL	AVGSAL
1	Accounting	8300	12008	10154
2	Administration	4400	4400	4400
3	Executive	17000	24000	19333.33
4	Finance	6900	12008	8601.33
5	Human Resources	6500	6500	6500
6	IT	4200	9000	5760
7	Marketing	6000	13000	9500
8	Public Relations	10000	10000	10000
9	Purchasing	2500	11000	4150

11 rows v

7.-

```
CREATE OR REPLACE VIEW empvu20
AS
SELECT * FROM EMPLOYEES
WHERE DEPARTMENT_ID = 20
WITH CHECK OPTION CONSTRAINT empvu20_ck;
```

Output HR.DEPARTMENT_SUM_VU

```
AS
SELECT * FROM EMPLOYEES
WHERE DEPARTMENT_ID = 20
WITH CHECK OPTION CONSTRAINT empvu20_ck
```

[2026-02-16 12:04:29] completed in 37 ms

8.-

```
CREATE OR REPLACE VIEW empvu10(employee_number, employee_name, job_title)
AS SELECT employee_number employee_id,
           employee_name last_name,
           job_title JOB_ID
FROM EMPLOYEES WHERE DEPARTMENT_ID = 10
WITH READ ONLY;
```

Output

HR.DEPARTMENT_SUM_VU ×

```
SELECT * FROM department_sum_vu
        JOB_ID
        FROM EMPLOYEES WHERE DEPARTMENT_ID = 10
        WITH READ ONLY
```

VU 504 ms

[2026-02-16 12:06:42] completed in 27 ms

9.

```
DROP VIEW empvu80;
```

Output

HR.DEPARTMENT_SUM_VU

```
        FROM EMPLOYEES WHERE DEPARTMENT_ID = 10
        WITH READ ONLY
```

[2026-02-16 12:06:42] completed in 27 ms

[2026-02-16 12:08:36] HR> DROP VIEW empvu80

[2026-02-16 12:08:36] completed in 86 ms

VU 504 ms