

PRACTICA JOINS

- 1) Liste nombre , apellido, fecha de contratación(hire_date),salario, y el nombre del trabajo de todos los empleados.

```
-- 1) Liste nombre , apellido, fecha de contratación(hire_date),salario, y el nombre del trabajo de todos los empleados.  
  
SELECT a.first_name, a.last_name, a.hire_date,A.SALARY, b.job_title  
FROM employees A INNER JOIN JOBS B  
ON a.job_id = b.job_id
```

Resultado de la Consulta x

SQL | Todas las Filas Recuperadas: 107 en 0,013 segundos

	FIRST_NAME	LAST_NAME	HIRE_DATE	SALARY	JOB_TITLE
1	William	Gietz	07/06/02	8300	Public Accountant
2	Shelley	Higgins	07/06/02	12008	Accounting Manager
3	Jennifer	Whalen	17/09/03	4400	Administration Assistant
4	Steven	King	17/06/03	24000	President
5	Lex	De Haan	13/01/01	17000	Administration Vice President
6	Neena	Kochhar	21/09/05	17000	Administration Vice President
7	John	Chen	28/09/05	8200	Accountant
8	Daniel	Faviet	16/08/02	9000	Accountant
9	Luis	Popp	07/12/07	6900	Accountant
10	Ismael	Sciarra	30/09/05	7700	Accountant
11	Jose Manuel	Urman	07/03/06	7800	Accountant
12	Nancy	Greenberg	17/08/02	12008	Finance Manager
13	Susan	Mavris	07/06/02	6500	Human Resources Representative
14	Alexander	Hunold	03/01/06	9000	Programmer
15	Bruce	Ernst	21/05/07	6000	Programmer
16	Diana	Lorentz	07/02/07	4200	Programmer
17	Valli	Pataballa	05/02/06	4800	Programmer

- 2) Repita el ejercicio anterior, pero liste únicamente los empleados del departamento id 50.

```
SELECT a.first_name, a.last_name, a.hire_date, A.SALARY, b.job_title
FROM employees A
INNER JOIN JOBS B ON a.job_id = b.job_id
WHERE a.department_id = 50;
```

Resultado de la Consulta x

Resultado de la Consulta 1 x



Todas las Filas Recuperadas: 45 en 0,008 segundos





	FIRST_NAME	LAST_NAME	HIRE_DATE	SALARY	JOB_TITLE
1	Britney	Everett	03/03/05	3900	Shipping Clerk
2	Samuel	McCain	01/07/06	3200	Shipping Clerk
3	Randall	Perkins	19/12/07	2500	Shipping Clerk
4	Timothy	Gates	11/07/06	2900	Shipping Clerk
5	Jennifer	Dilly	13/08/05	3600	Shipping Clerk
6	Kelly	Chung	14/06/05	3800	Shipping Clerk
7	Anthony	Cabrio	07/02/07	3000	Shipping Clerk
8	Julia	Dellinger	24/06/06	3400	Shipping Clerk
9	Alexis	Bull	20/02/05	4100	Shipping Clerk
10	Nandita	Sarchand	27/01/04	4200	Shipping Clerk
11	Girard	Geoni	03/02/08	2800	Shipping Clerk
12	Martha	Sullivan	21/06/07	2500	Shipping Clerk
13	Jean	Fleaur	23/02/06	3100	Shipping Clerk
14	Winston	Taylor	24/01/06	3200	Shipping Clerk
15	Vance	Jones	17/03/07	2800	Shipping Clerk
16	Alana	Walsh	24/04/06	3100	Shipping Clerk
17	Douglas	Grant	13/01/08	2600	Shipping Clerk

- 3) Liste el nombre, apellido, nombre de departamento y dirección del departamento de todos los empleados. Evalué la tabla LOCATIONS

```
SELECT a.first_name, a.last_name, c.state_province, c.street_address
FROM employees A
INNER JOIN departments B ON a.department_id = b.department_id
INNER JOIN locations C ON B.location_id = C.location_id
```

Resultado de la Consulta x

Resultado de la Consulta 1 x

    SQL | Se han recuperado 50 filas en 0,011 segundos

	FIRST_NAME	LAST_NAME	STATE_PROVINCE	STREET_ADDRESS
1	Ellen	Abel	Oxford	Magdalen Centre, The Oxford Science Park
2	Sundar	Ande	Oxford	Magdalen Centre, The Oxford Science Park
3	Mozhe	Atkinson	California	2011 Interiors Blvd
4	David	Austin	Texas	2014 Jabberwocky Rd
5	Hermann	Baer	Bavaria	Schwanthalerstr. 7031
6	Shelli	Baida	Washington	2004 Charade Rd
7	Amit	Banda	Oxford	Magdalen Centre, The Oxford Science Park
8	Elizabeth	Bates	Oxford	Magdalen Centre, The Oxford Science Park
9	Sarah	Bell	California	2011 Interiors Blvd
10	David	Bernstein	Oxford	Magdalen Centre, The Oxford Science Park
11	Laura	Bissot	California	2011 Interiors Blvd
12	Harrison	Bloom	Oxford	Magdalen Centre, The Oxford Science Park
13	Alexis	Bull	California	2011 Interiors Blvd
14	Anthony	Cabrio	California	2011 Interiors Blvd
15	Gerald	Cambrault	Oxford	Magdalen Centre, The Oxford Science Park
16	Nanette	Cambrault	Oxford	Magdalen Centre, The Oxford Science Park
17	John	Chen	Washington	2004 Charade Rd

- 4) Liste nombre, apellido, nombre de departamento y el nombre del país donde se encuentra el departamento. Evalúe la tabla COUNTRIES

```

SELECT a.first_name, a.last_name, c.state_province, d.country_name
FROM employees A
INNER JOIN departments B ON a.department_id = b.department_id
INNER JOIN locations C ON B.location_id = C.location_id
INNER JOIN countries D ON c.country_id = D.country_id

```

Resultado de la Consulta x Resultado de la Consulta 1 x

SQL | Se han recuperado 50 filas en 0,011 segundos

	FIRST_NAME	LAST_NAME	STATE_PROVINCE	COUNTRY_NAME
1	Ellen	Abel	Oxford	United Kingdom
2	Sundar	Ande	Oxford	United Kingdom
3	Mozhe	Atkinson	California	United States of America
4	David	Austin	Texas	United States of America
5	Hermann	Baer	Bavaria	Germany
6	Shelli	Baida	Washington	United States of America
7	Amit	Banda	Oxford	United Kingdom
8	Elizabeth	Bates	Oxford	United Kingdom
9	Sarah	Bell	California	United States of America
10	David	Bernstein	Oxford	United Kingdom
11	Laura	Bissot	California	United States of America
12	Harrison	Bloom	Oxford	United Kingdom
13	Alexis	Bull	California	United States of America
14	Anthony	Cabrio	California	United States of America
15	Gerald	Cambrault	Oxford	United Kingdom
16	Nanette	Cambrault	Oxford	United Kingdom
17	John	Chen	Washington	United States of America

- 5) Liste todos los empleados que tengan como departamento a “Shipping”

```

SELECT * FROM EMPLOYEES A
INNER JOIN departments B ON a.department_id = b.department_id
WHERE b.department_name = 'Shipping';

```

Resultado de la Consulta x Resultado de la Consulta 1 x

SQL | Todas las Filas Recuperadas: 45 en 0,009 segundos

	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	DEPARTMENT_ID_1	DEPARTMENT_NAME	MANAGER_ID_1	LOCATION_ID
1	650.123.1234	18/07/04	ST_MAN	8000	(null)	100	50	50	Shipping	121	1500
2	650.123.2234	10/04/05	ST_MAN	8200	(null)	100	50	50	Shipping	121	1500
3	650.123.3234	01/05/03	ST_MAN	7900	(null)	100	50	50	Shipping	121	1500
4	650.123.4234	10/10/05	ST_MAN	6500	(null)	100	50	50	Shipping	121	1500
5	650.123.5234	16/11/07	ST_MAN	5800	(null)	100	50	50	Shipping	121	1500
6	650.124.1214	16/07/05	ST_CLERK	3200	(null)	120	50	50	Shipping	121	1500
7	650.124.1224	28/09/06	ST_CLERK	2700	(null)	120	50	50	Shipping	121	1500
8	650.124.1334	14/01/07	ST_CLERK	2400	(null)	120	50	50	Shipping	121	1500
9	650.124.1434	08/03/08	ST_CLERK	2200	(null)	120	50	50	Shipping	121	1500
10	650.124.5234	20/08/05	ST_CLERK	3300	(null)	121	50	50	Shipping	121	1500
11	650.124.6234	30/10/05	ST_CLERK	2800	(null)	121	50	50	Shipping	121	1500
12	650.124.7234	16/02/05	ST_CLERK	2500	(null)	121	50	50	Shipping	121	1500
13	650.124.8234	10/04/07	ST_CLERK	2100	(null)	121	50	50	Shipping	121	1500
14	650.127.1934	14/06/04	ST_CLERK	3300	(null)	122	50	50	Shipping	121	1500
15	650.127.1834	26/08/06	ST_CLERK	2900	(null)	122	50	50	Shipping	121	1500
16	650.127.1734	12/12/07	ST_CLERK	2400	(null)	122	50	50	Shipping	121	1500
17	650.127.1634	02/02/08	ST_CLERK	2300	(null)	122	50	50	Shipping	121	1500

- 6) Liste todos los empleados que su departamento sea en Roma.

The screenshot shows the Oracle SQL Developer interface. The top toolbar contains various icons for file operations, execution, and formatting. Below the toolbar, there are two tabs: 'Hoja de Trabajo' (Worksheet) and 'Generador de Consultas' (Query Generator). The 'Generador de Consultas' tab is active, displaying a SQL query in a text editor. The query is as follows:

```
SELECT a.first_name, a.last_name, c.state_province
FROM employees A
INNER JOIN departments B ON a.department_id = b.department_id
INNER JOIN locations C ON B.location_id = C.location_id
WHERE c.state_province = 'Roma';
```

Below the query editor, there is a status bar showing the execution results. It includes a toolbar with icons for running the query, saving, and other actions. The status bar indicates that the query was executed successfully, with the message 'Todas las Filas Recuperadas: 0 en 0,002 segundos' (All rows retrieved: 0 in 0.002 seconds). Below the status bar, there is a table with three columns: 'FIRST_NAME', 'LAST_NAME', and 'STATE_PROVINCE'. The table is currently empty.

- 7) Liste el nombre, apellido y el salario máximo del trabajo al que pertenece cada empleado.

```
SELECT A.first_name, A.last_name, b.max_salary  
FROM employees A INNER JOIN jobs B ON A.job_id = B.job_id ;
```

Resultado de la Consulta x | Resultado de la Consulta 1 x | Salida de Script x | Resultado

SQL | Se han recuperado 50 filas en 0,004 segundos

	FIRST_NAME	LAST_NAME	MAX_SALARY
1	William	Gietz	9000
2	Shelley	Higgins	16000
3	Jennifer	Whalen	6000
4	Steven	King	40000
5	Neena	Kochhar	30000
6	Lex	De Haan	30000
7	Daniel	Faviet	9000
8	Luis	Popp	9000
9	John	Chen	9000
10	Ismael	Sciarra	9000
11	Jose Manuel	Urman	9000
12	Nancy	Greenberg	16000
13	Susan	Mavris	9000
14	Bruce	Ernst	10000
15	Alexander	Hunold	10000