Taller Consultas SQL

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1.

select * from S_DEPT;

	ID	NAME	REGION_ID
1	10	Finance	1
2	31	Sales	1
3	32	Sales	2
4	33	Sales	3
5	34	Sales	4
6	35	Sales	5
7	41	Operations	1
8	42	Operations	2
9	43	Operations	3
10	44	Operations	4
11	45	Operations	5
12	50	Administration	1

2.

select * from S_REGION;

	ID	NAME
1	1	North America
2	2	South America
3	3	Africa / Middle East
4	4	Asia
5	5	Europe

3.

select Name

From S_DEPT;

	NAME
1	Administration
2	Finance
3	Operations
4	Operations
5	Operations
6	Operations
7	Operations
8	Sales
9	Sales
10	Sales
11	Sales
12	Sales

4.

select TITLE

From S_EMP;

	TITLE
1	President
2	VP, Operations
3	VP, Sales
4	VP, Finance
5	VP, Administration
6	Warehouse Manager
7	Warehouse Manager
8	Warehouse Manager
9	Warehouse Manager
10	Warehouse Manager
11	Sales Representative
12	Sales Representative
13	Sales Representative
14	Sales Representative
15	Sales Representative
16	Stock Clerk
17	Stock Clerk
18	Stock Clerk
19	Stock Clerk
20	Stock Clerk
21	Stock Clerk
22	Stock Clerk

select distinct TITLE From S_EMP;

	TITLE
1	Sales Representative
2	VP, Administration
3	President
4	Warehouse Manager
5	VP, Operations
6	VP, Sales
7	Stock Clerk
8	VP, Finance

6

select name as "Dptos diferentes" from s_dept;

	Dptos diferentes
1	Administration
2	Finance
3	Operations
4	Operations
5	Operations
6	Operations
7	Operations
8	Sales
9	Sales
10	Sales
11	Sales
12	Sales

7

select first_name,last_name from s_emp;

	FIRST_NAME	LAST_NAME
1	Carmen	Velasquez
2	LaDoris	Ngao
3	Midori	Nagayama
4	Mark	Quick-To-See
5	Audry	Ropeburn
6	Molly	Urguhart
7	Roberta	Menchu
8	Ben	Biri
9	Antoinette	Catchpole
10	Marta	Havel
11	Colin	Magee
12	Henry	Giljum
13	Yasmin	Sedeghi
14	Mai	Nguyen
15	Andre	Dumas
16	Elena	Maduro
17	George	Smith
18	Akira	Nozaki
19	Vikram	Patel
20	Chad	Newman
21	Alexander	Markarian
22	Eddie	Chang

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select dept_id,first_name,last_name from s_emp where dept_id in (41);

	DEPT_ID	FIRST_NAME	LAST_NAME
1	41	LaDoris	Ngao
2	41	Molly	Urguhart
3	41	Elena	Maduro
4	41	George	Smith

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select title,last_name,salary,commission_pct,salary*(commission_pct/100) from s_emp where manager_id in (3);

	TITLE	LAST_NAME	SALARY	COMMISSION_PCT	SALARY*(COMMISSION_PCT/100)
1	Sales Representative	Magee	1400	10	140
2	Sales Representative	Giljum	1490	12,5	186,25
3	Sales Representative	Sedeghi	1515	10	151,5
4	Sales Representative	Nguyen	1525	15	228,75
5	Sales Representative	Dumas	1450	17,5	253,75

10

select last_name,salary,salary*(commission_pct/100),commission_pct from s_emp where salary*(commission_pct/100) > (200);

	LAST_NAME	SALARY	SALARY*(COMMISSION_PCT/100)	COMMISSION_PCT
1	Nguyen	1525	228,75	15
2	Dumas	1450	253,75	17,5

11

select last_name,salary, (salary*12)+100 as compensación

from s_emp

where dept_id='41';

	LAST_NAME	SALARY	COMPENSACIÓN
1	Ngao	1450	17500
2	Urguhart	1200	14500
3	Maduro	1400	16900
4	Smith	940	11380

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select last_name,salary,round((salary/12)+100)

from s_emp

where dept_id='50';

	LAST_NAME	SALARY	ROUND((SALARY/12)+100)
1	Velasquez	2500	308
2	Ropeburn	1550	229

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select last_name,salary,commission_pct

from s_emp

where salary >1500;

	LAST_NAME	SALARY	COMMISSION_PCT
1	Velasquez	2500	(null)
2	Ropeburn	1550	(null)
3	Sedeghi	1515	10
4	Nguyen	1525	15

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select last_name,salary,nvl (to_char(commission_pct),0)

from s_emp

where salary >1500;

	LAST_NAME	SALARY	NVL(TO_CHAR(COMMISSION_PCT),0)
1	Velasquez	2500	0
2	Ropeburn	1550	0
3	Sedeghi	1515	10
4	Nguyen	1525	15

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select last_name,start_date,start_date+90

from s_emp

where dept_id='42';

	LAST_NAME	START_DATE	START_DATE+90
1	Menchu	14/05/09	12/08/09
2	Nozaki	09/02/10	10/05/10
3	Patel	06/08/10	04/11/10

16

select last_name,round((sysdate-start_date)/7) as "semanas_trabajadas"

from s_emp

where dept_id='43';

	LAST_NAME	semanas_trabajadas
1	Biri	411
2	Newman	344
3	Markarian	352

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select id,date_ordered,round(sysdate-date_ordered) as dias_transcurridos

from s_ord;

	ID	DATE_ORDERED	DIAS_TRANSCURRIDOS
1	100	31/08/11	1999
2	101	31/08/11	1999
3	102	01/09/11	1998
4	103	02/09/11	1997
5	104	03/09/11	1996
6	105	04/09/11	1995
7	106	07/09/11	1992
8	107	07/09/11	1992
9	108	07/09/11	1992
10	109	08/09/11	1991
11	110	09/09/11	1990
12	111	09/09/11	1990
13	97	28/08/11	2002
14	98	31/08/11	1999
15	99	31/08/11	1999
16	112	31/08/11	1999

18

select id,last_name,start_date,(start_date+(30*6)) as seis_meses_despues

from s_emp

where dept_id='45';

	ID	LAST_NAME	START_DATE	SEIS_MESES_DESPUES
1	10	Havel	27/02/10	26/08/10
2	24	Dancs	17/03/10	13/09/10
3	25	Schwartz	09/05/10	05/11/10

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select id,start_date,last_day(start_date) as primer_cheque

from s_emp;

	ID	START_DATE	PRIMER_CHEQUE
1	1	03/03/08	31/03/08
2	2	08/03/09	31/03/09
3	3	17/06/11	30/06/11
4	4	07/04/09	30/04/09
5	5	04/03/09	31/03/09
6	6	18/01/10	31/01/10
7	7	14/05/09	31/05/09
8	8	07/04/09	30/04/09
9	9	09/02/01	28/02/01
10	10	27/02/10	28/02/10
11	11	14/05/09	31/05/09
12	12	18/01/01	31/01/01
13	13	18/02/10	28/02/10
14	14	22/01/01	31/01/01
15	15	09/10/10	31/10/10
16	16	07/02/01	28/02/01
17	17	08/03/09	31/03/09
18	18	09/02/10	28/02/10
19	19	06/08/10	31/08/10
20	20	21/07/10	31/07/10
21	21	26/05/10	31/05/10
22	22	30/11/09	30/11/09

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select id,date_ordered,round((sysdate-date_ordered)/30) as meses_transcurridos

from s_ord;

	ID	DATE_ORDERED	MESES_TRANSCURRIDOS
1	100	31/08/11	67
2	101	31/08/11	67
3	102	01/09/11	67
4	103	02/09/11	67
5	104	03/09/11	67
6	105	04/09/11	67
7	106	07/09/11	66
8	107	07/09/11	66
9	108	07/09/11	66
10	109	08/09/11	66
11	110	09/09/11	66
12	111	09/09/11	66
13	97	28/08/11	67
14	98	31/08/11	67
15	99	31/08/11	67
16	112	31/08/11	67

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select id,to_char(date_ordered,'MM')||'/'||to_char(date_ordered,'YYYY') as orden

From s_ord

where SALES_REP_ID='11';

	ID	ORDEN
1	100	08/2011
2	105	09/2011
3	109	09/2011
4	110	09/2011
5	111	09/2011

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select first_name,to_char(start_date,'DD')||' de '||to_char(start_date,'MONTH')||' de '||to_char(start_date,'YYYY') as fecha_ingreso

from s_emp;

	FIRST_NAME	FECHA_INGRESO
1	Carmen	03 de MARZO de 2008
2	LaDoris	08 de MARZO de 2009
3	Midori	17 de JUNIO de 2011
4	Mark	07 de ABRIL de 2009
5	Audry	04 de MARZO de 2009
6	Molly	18 de ENERO de 2010
7	Roberta	14 de MAYO de 2009
8	Ben	07 de ABRIL de 2009
9	Antoinette	09 de FEBRERO de 2001
10	Marta	27 de FEBRERO de 2010
11	Colin	14 de MAYO de 2009
12	Henry	18 de ENERO de 2001
13	Yasmin	18 de FEBRERO de 2010
14	Mai	22 de ENERO de 2001
15	Andre	09 de OCTUBRE de 2010
16	Elena	07 de FEBRERO de 2001
17	George	08 de MARZO de 2009
18	Akira	09 de FEBRERO de 2010
19	Vikram	06 de AGOSTO de 2010
20	Chad	21 de JULIO de 2010
21	Alexander	26 de MAYO de 2010
22	Eddie	30 de NOVIEMBRE de 2009
23	Radha	17 de OCTUBRE de 2009
24	Bela	17 de MARZO de 2010

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select INITCAP(first_name||' '||last_name) as vicepresidentes

from s_emp

where manager_id='1';

VICEPRESIDENTES
1 Ladoris Ngao
2 Midori Nagayama
3 Mark Quick-To-See
4 Audry Ropeburn

24

select first_name||' '||last_name as Nombres

from s_emp

where last_name like '%Patel%';

NOMBRES
1 Vikram Patel
2 Radha Patel

25

select name

from s_product

where name like '%Ace%';

NAME
1 Ace Ski Boot
2 Ace Ski Pole

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select id,first_name||' '||last_name as viceprecidentes

from s_emp

where manager_id='1';

	ID	VICEPRECIDENTES
1	2	LaDoris Ngao
2	3	Midori Nagayama
3	4	Mark Quick-To-See
4	5	Audry Ropeburn

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select last_name,length(last_name) as numero_caracteres

from s_emp

where dept_id='50';

	LAST_NAME	NUMERO_CARACTERES
1	Velasquez	9
2	Ropeburn	8

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select id,upper(name) as Mayusculas

from s_product;

	ID	MAYUSCULAS
1	10011	BUNNY BOOT
2	10012	ACE SKI BOOT
3	10013	PRO SKI BOOT
4	10021	BUNNY SKI POLE
5	10022	ACE SKI POLE
6	10023	PRO SKI POLE
7	20106	JUNIOR SOCCER BALL
8	20108	WORLD CUP SOCCER BALL
9	20201	WORLD CUP NET
10	20510	BLACK HAWK KNEE PADS
11	20512	BLACK HAWK ELBOW PADS
12	30321	GRAND PRIX BICYCLE
13	30326	HIMALAYA BICYCLE
14	30421	GRAND PRIX BICYCLE TIRES
15	30426	HIMALAYA TIRES
16	30433	NEW AIR PUMP
17	32779	SLAKER WATER BOTTLE
18	32861	SAFE-T HELMET
19	40421	ALEXEYER PRO LIFTING BAR
20	40422	PRO CURLING BAR
21	41010	PROSTAR 10 POUND WEIGHT
22	41020	PROSTAR 20 POUND WEIGHT
23	41050	PROSTAR 50 POUND WEIGHT
24	41080	PROSTAR 80 POUND WEIGHT

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select id,first_name,last_name

from s_emp

where (last_name like '%a%') or (first_name like '%a%') or (last_name like '%s%') or (first_name like '%s%');

	ID	FIRST_NAME	LAST_NAME
1	1	Carmen	Velasquez
2	2	LaDoris	Ngao
3	3	Midori	Nagayama
4	4	Mark	Quick-To-See
5	6	Molly	Urguhart
6	7	Roberta	Menchu
7	9	Antoinette	Catchpole
8	10	Marta	Havel
9	11	Colin	Magee
10	13	Yasmin	Sedeghi
11	14	Mai	Nguyen
12	15	Andre	Dumas
13	16	Elena	Maduro
14	18	Akira	Nozaki
15	19	Vikram	Patel
16	20	Chad	Newman
17	21	Alexander	Markarian
18	22	Eddie	Chang
19	23	Radha	Patel
20	24	Bela	Dancs
21	25	Sylvie	Schwartz

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select id,first_name,last_name

from s_emp

where (last_name not like '%a%') or (first_name not like '%a%');

	ID	FIRST_NAME	LAST_NAME
1	3	Midori	Nagayama
2	4	Mark	Quick-To-See
3	5	Audry	Ropeburn
4	6	Molly	Urguhart
5	7	Roberta	Menchu
6	8	Ben	Biri
7	9	Antoinette	Catchpole
8	11	Colin	Magee
9	12	Henry	Giljum
10	13	Yasmin	Sedeghi
11	14	Mai	Nguyen
12	15	Andre	Dumas
13	17	George	Smith
14	22	Eddie	Chang
15	25	Sylvie	Schwartz

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select id,first_name,last_name

from s_emp

where manager_id !=3;

	ID	FIRST_NAME	LAST_NAME
1	2	LaDoris	Ngao
2	3	Midori	Nagayama
3	4	Mark	Quick-To-See
4	5	Audry	Ropeburn
5	6	Molly	Urguhart
6	7	Roberta	Menchu
7	8	Ben	Biri
8	9	Antoinette	Catchpole
9	10	Marta	Havel
10	16	Elena	Maduro
11	17	George	Smith
12	18	Akira	Nozaki
13	19	Vikram	Patel
14	20	Chad	Newman
15	21	Alexander	Markarian
16	22	Eddie	Chang
17	23	Radha	Patel
18	24	Bela	Dancs
19	25	Sylvie	Schwartz

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select id,first_name,last_name

from s_emp

where manager_id='3';

	ID	FIRST_NAME	LAST_NAME
1	11	Colin	Magee
2	12	Henry	Giljum
3	13	Yasmin	Sedeghi
4	14	Mai	Nguyen
5	15	Andre	Dumas

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select id,first_name,last_name

from s_emp

where salary > '540';

	ID	FIRST_NAME	LAST_NAME
1	1	Carmen	Velasquez
2	2	LaDoris	Ngao
3	3	Midori	Nagayama
4	4	Mark	Quick-To-See
5	5	Audry	Ropeburn
6	6	Molly	Urguhart
7	7	Roberta	Menchu
8	8	Ben	Biri
9	9	Antoinette	Catchpole
10	10	Marta	Havel
11	11	Colin	Magee
12	12	Henry	Giljum
13	13	Yasmin	Sedeghi
14	14	Mai	Nguyen
15	15	Andre	Dumas
16	16	Elena	Maduro
17	17	George	Smith
18	18	Akira	Nozaki
19	19	Vikram	Patel
20	20	Chad	Newman
21	21	Alexander	Markarian
22	22	Eddie	Chang
23	23	Radha	Patel
24	24	Bela	Dancs

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select id,first_name,last_name as Viceprecidentes

from s_emp

where salary >= '760';

	ID	FIRST_NAME	VICEPRECIDENTES
1	1	Carmen	Velasquez
2	2	LaDoris	Ngao
3	3	Midori	Nagayama
4	4	Mark	Quick-To-See
5	5	Audry	Ropeburn
6	6	Molly	Urguhart
7	7	Roberta	Menchu
8	8	Ben	Biri
9	9	Antoinette	Catchpole
10	10	Marta	Havel
11	11	Colin	Magee
12	12	Henry	Giljum
13	13	Yasmin	Sedeghi
14	14	Mai	Nguyen
15	15	Andre	Dumas
16	16	Elena	Maduro
17	17	George	Smith
18	18	Akira	Nozaki
19	19	Vikram	Patel
20	21	Alexander	Markarian
21	22	Eddie	Chang
22	23	Radha	Patel
23	24	Bela	Dancs
24	25	Sylvie	Schwartz

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select id as codigo,first_name as Nombre,last_name as Apellido,userid as Usuario,start_date as Fecha_ingreso,comments as Comentario,manager_id as Id_Cargo,title as Cargo,dept_id as Departamento,salary as Salario

from s_emp;

	CODIGO	NOMBRE	APELLIDO	USUARIO	FECHA_INGRESO	COMENTARIO	ID_CARGO	CARGO	DEPARTAMENTO	SALARIO
1	1	Carmen	Velasquez	cvelasqu	03/03/08	(null)	(null)	President	50	2500
2	2	LaDoris	Ngao	lngao	08/03/09	(null)	1	VP, Operations	41	1450
3	3	Midori	Nagayama	mnagayam	17/06/11	(null)	1	VP, Sales	31	1400
4	4	Mark	Quick-To-See	mquickto	07/04/09	(null)	1	VP, Finance	10	1450
5	5	Audry	Ropeburn	aropebur	04/03/09	(null)	1	VP, Administration	50	1550
6	6	Molly	Urguhart	murguhar	18/01/10	(null)	2	Warehouse Manager	41	1200
7	7	Roberta	Menchu	rmenchu	14/05/09	(null)	2	Warehouse Manager	42	1250
8	8	Ben	Biri	bbiri	07/04/09	(null)	2	Warehouse Manager	43	1100
9	9	Antoinette	Catchpole	acatchpo	09/02/01	(null)	2	Warehouse Manager	44	1300
10	10	Marta	Havel	mhavel	27/02/10	(null)	2	Warehouse Manager	45	1307
11	11	Colin	Magee	cmagee	14/05/09	(null)	3	Sales Representative	31	1400
12	12	Henry	Giljum	hgiljum	18/01/01	(null)	3	Sales Representative	32	1490
13	13	Yasmin	Sedeghi	ysedeghi	18/02/10	(null)	3	Sales Representative	33	1515
14	14	Mai	Nguyen	mnguyen	22/01/01	(null)	3	Sales Representative	34	1525
15	15	Andre	Dumas	adumas	09/10/10	(null)	3	Sales Representative	35	1450
16	16	Elena	Maduro	emaduro	07/02/01	(null)	6	Stock Clerk	41	1400
17	17	George	Smith	gsmith	08/03/09	(null)	6	Stock Clerk	41	940
18	18	Akira	Nozaki	anozaki	09/02/10	(null)	7	Stock Clerk	42	1200
19	19	Vikram	Patel	vpatel	06/08/10	(null)	7	Stock Clerk	42	795
20	20	Chad	Newman	cnewman	21/07/10	(null)	8	Stock Clerk	43	750
21	21	Alexander	Markarian	amarkari	26/05/10	(null)	8	Stock Clerk	43	850
22	22	Eddie	Chang	echang	30/11/09	(null)	9	Stock Clerk	44	800
23	23	Radha	Patel	rpatel	17/10/09	(null)	9	Stock Clerk	34	795
24	24	Bela	Dancs	bdancs	17/03/10	(null)	10	Stock Clerk	45	860

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select first_name as Nombre,last_name as Apellido, (replace(replace(replace(replace(replace (last_name||' '||first_name,'a','1'),'e','2'),'i','3'),'o','4'),'u','5')) as Nueva_clave

from s_emp;

	NOMBRE	APELLIDO	NUEVA_CLAVE
1	Carmen	Velasquez	V2l1sq52z C1rm2n
2	LaDoris	Ngao	Ng14 L1D4r3s
3	Midori	Nagayama	N1g1y1m1 M3d4r3
4	Mark	Quick-To-See	Q53ck-T4-S22 M1rk
5	Audry	Ropeburn	R4p2b5rn A5dry
6	Molly	Urguhart	Urg5h1rt M4lly
7	Roberta	Menchu	M2nch5 R4b2rt1
8	Ben	Biri	B3r3 B2n
9	Antoinette	Catchpole	C1tchp4l2 Ant43n2tt2
10	Marta	Havel	H1v2l M1rt1
11	Colin	Magee	M1g22 C4l3n
12	Henry	Giljum	G3lj5m H2nry
13	Yasmin	Sedeghi	S2d2gh3 Y1sm3n
14	Mai	Nguyen	Ng5y2n M13
15	Andre	Dumas	D5m1s Andr2
16	Elena	Maduro	M1d5r4 El2n1
17	George	Smith	Sm3th G24rg2
18	Akira	Nozaki	N4z1k3 Ak3r1
19	Vikram	Patel	P1t2l V3kr1m
20	Chad	Newman	N2wm1n Ch1d
21	Alexander	Markarian	M1rk1r31n Al2x1nd2r
22	Eddie	Chang	Ch1ng Edd32
23	Radha	Patel	P1t2l R1dh1
24	Bela	Dancs	D1ncs B2l1

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```
select id,name
from S_CUSTOMER
where substr(upper(name),8,1)='S';
```

	ID	NAME
1	208	Muench Sports
2	210	Futbol Sonora
3	211	Kuhn's Sports
4	212	Hamada Sport

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```
select id,first_name as Nombre,last_name as Apellido
from s_emp;
```

	ID	NOMBRE	APELLIDO
1	1	Carmen	Velasquez
2	2	LaDoris	Ngao
3	3	Midori	Nagayama
4	4	Mark	Quick-To-See
5	5	Audry	Ropeburn
6	6	Molly	Urguhart
7	7	Roberta	Menchu
8	8	Ben	Biri
9	9	Antoinette	Catchpole
10	10	Marta	Havel
11	11	Colin	Magee
12	12	Henry	Giljum
13	13	Yasmin	Sedeghi
14	14	Mai	Nguyen
15	15	Andre	Dumas
16	16	Elena	Maduro
17	17	George	Smith
18	18	Akira	Nozaki
19	19	Vikram	Patel
20	20	Chad	Newman
21	21	Alexander	Markarian
22	22	Eddie	Chang
23	23	Radha	Patel
24	24	Bela	Dancs