

1. From the following table return complete information about the employees.

```
378 • select * from employees;
```

379

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	24000.00	0.00	0	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1987-06-18	AD_VP	17000.00	0.00	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	1987-06-19	AD_VP	17000.00	0.00	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1987-06-20	IT_PROG	9000.00	0.00	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1987-06-21	IT_PROG	6000.00	0.00	103	60
105	David	Austin	DAUSTIN	590.423.4569	1987-06-22	IT_PROG	4800.00	0.00	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	1987-06-23	IT_PROG	4800.00	0.00	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	1987-06-24	IT_PROG	4200.00	0.00	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	1987-06-25	FI_MGR	12000.00	0.00	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	1987-06-26	FI_ACCOUNT	9000.00	0.00	108	100
110	John	Chen	JCHEN	515.124.4269	1987-06-27	FI_ACCOUNT	8200.00	0.00	108	100
111	Ismael	Sciarra	ISCIARRA	515.124.4369	1987-06-28	FI_ACCOUNT	7700.00	0.00	108	100
112	Jose Manuel	Urman	JMURMAN	515.124.4469	1987-06-29	FI_ACCOUNT	7800.00	0.00	108	100
113	Luis	Popp	LPOPP	515.124.4567	1987-06-30	FI_ACCOUNT	6900.00	0.00	108	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	1987-07-01	PU_MAN	11000.00	0.00	100	30

employees 2 x

2. From the following table, write a query to find the salaries of all employees. Return salary.

```
380 • select salary from employees;
381
```

salary
24000.00
17000.00
17000.00
9000.00
6000.00
4800.00
4800.00
4200.00
12000.00
9000.00
8200.00
7700.00
7800.00
6900.00
11000.00

3. From the following table, write a query to find the unique designations of the employees. Return job name.

```
383 • select distinct job_id from employees;
384
```

job_id
AC_ACCOUNT
AC_MGR
AD_ASST
AD PRES
AD_VP
FI_ACCOUNT
FI_MGR
HR_REP
IT_PROG
MK_MAN
MK_REP
PR_REP
PU_CLERK
PU_MAN
SA_MAN

employees 5 x

4. From the following table, write a query to list the employees' names, increase their salary by 15%, and express the number of Dollars.

```
387 • select first_name,last_name,(salary+salary*15/100) as number_of_Dollars from employees;
388
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
first_name	last_name	number_of_Dollars	
Steven	King	27600.000000	
Neena	Kochhar	19550.000000	
Lex	De Haan	19550.000000	
Alexander	Hunold	10350.000000	
Bruce	Ernst	6900.000000	
David	Austin	5520.000000	
Valli	Pataballa	5520.000000	
Diana	Lorentz	4830.000000	
Nancy	Greenberg	13800.000000	
Daniel	Faviet	10350.000000	
John	Chen	9430.000000	
Ismael	Sciarra	8855.000000	
Jose Manuel	Urman	8970.000000	
Luis	Popp	7935.000000	
Den	Raphaely	12650.000000	

5. From the following table, write a query to list the employee's name and job name as a format of "Employee & Job".

```
388 • select first_name,last_name,job_id as Employee_Job from employees;
389
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
first_name	last_name	Employee_Job	
Steven	King	AD_PRES	
Neena	Kochhar	AD_VP	
Lex	De Haan	AD_VP	
Alexander	Hunold	IT_PROG	
Bruce	Ernst	IT_PROG	
David	Austin	IT_PROG	
Valli	Pataballa	IT_PROG	
Diana	Lorentz	IT_PROG	
Nancy	Greenberg	FI_MGR	
Daniel	Faviet	FI_ACCOUNT	
John	Chen	FI_ACCOUNT	
Ismael	Sciarra	FI_ACCOUNT	
Jose Manuel	Urman	FI_ACCOUNT	
Luis	Popp	FI_ACCOUNT	
Den	Raphaely	PU_MAN	

Write a query to produce the output of employees as follows.

7. From the following table, write a query to find those employees with a hire date in the format like February 22, 1991. Return employee ID, employee name,

```
394 • select employee id,first name,monthname(hire date),dayname(hire date),year(hire date) from employees;
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	
employee_id	first_name	monthname(hire_date)	dayname(hire_date)	year(hire_date)
100	Steven	June	Wednesday	1987
101	Neena	June	Thursday	1987
102	Lex	June	Friday	1987
103	Alexander	June	Saturday	1987
104	Bruce	June	Sunday	1987
105	David	June	Monday	1987
106	Valli	June	Tuesday	1987
107	Diana	June	Wednesday	1987
108	Nancy	June	Thursday	1987
109	Daniel	June	Friday	1987
110	John	June	Saturday	1987
111	Ismael	June	Sunday	1987
112	Jose Manuel	June	Monday	1987
113	Luis	June	Tuesday	1987
114	Den	July	Wednesday	1987

8. From the following table, write a query to count the number of characters except the spaces for each employee name. Return employee name length.

```
396 • select employee_id, concat(first_name,last_name) as full_name,length(concat(first_name,last_name))as char_count from employees;
```

```
397
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
employee_id	full_name	char_count	
100	StevenKing	10	
101	NeenaKochhar	12	
102	LexDe Haan	10	
103	AlexanderHunold	15	
104	BruceErnst	10	
105	DavidAustin	11	
106	ValliPataballa	14	
107	DianaLorentz	12	
108	NancyGreenberg	14	
109	DanielFaviet	12	
110	JohnChen	8	
111	IsmaelSciarra	13	
112	Jose ManuelUrman	16	
113	LuisPopp	8	
114	DenRaphaely	11	

Result 11 x

9. From the following table, write a query to find the employee ID, salary, and commission of all the employees.

```
400 • select employee_id,salary,commission_pct from employees;
401
```

	employee_id	salary	commission_pct
▶	100	24000.00	0.00
	101	17000.00	0.00
	102	17000.00	0.00
	103	9000.00	0.00
	104	6000.00	0.00
	105	4800.00	0.00
	106	4800.00	0.00
	107	4200.00	0.00
	108	12000.00	0.00
	109	9000.00	0.00
	110	8200.00	0.00
	111	7700.00	0.00
	112	7800.00	0.00
	113	6900.00	0.00
	114	11000.00	0.00

10. From the following table, write a query to find the unique department with jobs. Return department ID, Job name.

```
407 • select distinct job_title,job_id from jobs;
408
```

	job_title	job_id
▶	President	AD_PRES
	Administration Vice President	AD_VP
	Administration Assistant	AD_ASST
	Finance Manager	FI_MGR
	Accountant	FI_ACCOUNT
	Accounting Manager	AC_MGR
	Public Accountant	AC_ACCOUNT
	Sales Manager	SA_MAN
	Sales Representative	SA_REP
	Purchasing Manager	PU_MAN
	Purchasing Clerk	PU_CLERK
	Stock Manager	ST_MAN
	Stock Clerk	ST_CLERK
	Shipping Clerk	SH_CLERK
	Programmer	IT_PROG

11. From the following table, write a query to find those employees who do not belong to the department 2001. Return complete information about the

410

411 • `select * from employees where department_id <> 2001;`

412

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	24000.00	0.00	0	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1987-06-18	AD_VP	17000.00	0.00	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	1987-06-19	AD_VP	17000.00	0.00	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1987-06-20	IT_PROG	9000.00	0.00	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1987-06-21	IT_PROG	6000.00	0.00	103	60
105	David	Austin	DAUSTIN	590.423.4569	1987-06-22	IT_PROG	4800.00	0.00	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	1987-06-23	IT_PROG	4800.00	0.00	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	1987-06-24	IT_PROG	4200.00	0.00	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	1987-06-25	FI_MGR	12000.00	0.00	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	1987-06-26	FI_ACCOUNT	9000.00	0.00	108	100
110	John	Chen	JCHEN	515.124.4269	1987-06-27	FI_ACCOUNT	8200.00	0.00	108	100
111	Ismael	Sciarra	ISCIARRA	515.124.4369	1987-06-28	FI_ACCOUNT	7700.00	0.00	108	100
112	Jose Manuel	Urman	JMURMAN	515.124.4469	1987-06-29	FI_ACCOUNT	7800.00	0.00	108	100
113	Luis	Popp	LPOPP	515.124.4567	1987-06-30	FI_ACCOUNT	6900.00	0.00	108	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	1987-07-01	PU_MAN	11000.00	0.00	100	30

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12. From the following table, write a query to find those employees who joined before 1991. Return complete information about the employees.

415 • `select * from employees where year(hire_date) < 1991;`

416

417

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	24000.00	0.00	0	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1987-06-18	AD_VP	17000.00	0.00	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	1987-06-19	AD_VP	17000.00	0.00	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1987-06-20	IT_PROG	9000.00	0.00	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1987-06-21	IT_PROG	6000.00	0.00	103	60
105	David	Austin	DAUSTIN	590.423.4569	1987-06-22	IT_PROG	4800.00	0.00	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	1987-06-23	IT_PROG	4800.00	0.00	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	1987-06-24	IT_PROG	4200.00	0.00	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	1987-06-25	FI_MGR	12000.00	0.00	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	1987-06-26	FI_ACCOUNT	9000.00	0.00	108	100
110	John	Chen	JCHEN	515.124.4269	1987-06-27	FI_ACCOUNT	8200.00	0.00	108	100
111	Ismael	Sciarra	ISCIARRA	515.124.4369	1987-06-28	FI_ACCOUNT	7700.00	0.00	108	100
112	Jose Manuel	Urman	JMURMAN	515.124.4469	1987-06-29	FI_ACCOUNT	7800.00	0.00	108	100
113	Luis	Popp	LPOPP	515.124.4567	1987-06-30	FI_ACCOUNT	6900.00	0.00	108	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	1987-07-01	PU_MAN	11000.00	0.00	100	30

13. From the following table, write a query to calculate the average salary of employees who work as analysts. Return average salary.

420 • `select avg(salary) from employees where job_id='analysts';`

421

avg(salary)
7700

14. From the following table, write a query to find the details of the employee 'BLAZE'.

```
424 • select * from employees where first name='BLAZE';
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

15. From the following table, write a query to identify employees whose commissions exceed their salaries. Return complete information about the employees.

```
427 • select * from employees where commission_pct>salary;
```

428

429

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

16. From the following table, write a query to identify those employees whose salaries exceed 3000 after receiving a 25% salary increase. Return complete information about the employees.

```
432 • select * from employees where (salary+salary*25/100)>3000;
```

433

434

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	24000.00	0.00	0	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1987-06-18	AD_VP	17000.00	0.00	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	1987-06-19	AD_VP	17000.00	0.00	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1987-06-20	IT_PROG	9000.00	0.00	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1987-06-21	IT_PROG	6000.00	0.00	103	60
105	David	Austin	DAUSTIN	590.423.4569	1987-06-22	IT_PROG	4800.00	0.00	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	1987-06-23	IT_PROG	4800.00	0.00	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	1987-06-24	IT_PROG	4200.00	0.00	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	1987-06-25	FI_MGR	12000.00	0.00	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	1987-06-26	FI_ACCOUNT	9000.00	0.00	108	100
110	John	Chen	JCHEN	515.124.4269	1987-06-27	FI_ACCOUNT	8200.00	0.00	108	100
111	Ismael	Sciarra	ISCIARRA	515.124.4369	1987-06-28	FI_ACCOUNT	7700.00	0.00	108	100
112	Jose Manuel	Urman	JMURMAN	515.124.4469	1987-06-29	FI_ACCOUNT	7800.00	0.00	108	100
113	Luis	Popp	LPOPP	515.124.4567	1987-06-30	FI_ACCOUNT	6900.00	0.00	108	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	1987-07-01	PU_MAN	11000.00	0.00	100	30

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17. From the following table, write a query to find the names of the employees whose length is six. Return employee name.

```
439 • select first_name from employees where length(first_name)=6;
```

440

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	first_name			
▶	Sundar			
	Shelli			
	Alexis			
	Gerald			
	Curtis			
	Louise			
	Daniel			
	Tayler			
	Girard			
	Alyssa			
	Steven			
	Renske			
	Steven			
	Mattea			
	Samuel			

18. From the following table, write a query to find out which employees joined in the month of January. Return complete information about the employees.

```
443 • select * from employees where monthname(hire_date)='January';
```

444

[illegible]

19. From the following table, write a query to separate the names of employees and their managers by the string 'works for'.

```
450 • select concat(first_name,last_name,' works_for --',manager_id) from employees;
451
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	concat(first_name,last_name,' works_for --',manager_id)			
▶	StevenKing works_for --0			
	NeenaKochhar works_for --100			
	LexDe Haan works_for --100			
	AlexanderHunold works_for --102			
	BruceErnst works_for --103			
	DavidAustin works_for --103			
	ValliPataballa works_for --103			
	DianaLorentz works_for --103			
	NancyGreenberg works_for --101			
	DanielFaviet works_for --108			
	JohnChen works_for --108			
	IsmaelSciarra works_for --108			
	Jose ManuelUrman works_for --108			
	LuisPopp works_for --108			

20. From the following table, write a query to find those employees whose designation is 'CLERK'. Return complete information about the employees.

```
454 • select * from employees where job_id='ST_CLERK';
455
```

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
▶	125	Julia	Nayer	JNAYER	650.124.1214	1987-07-12	ST_CLERK	3200.00	0.00	120	50
	126	Irene	Mikkilineni	IMIKKILI	650.124.1224	1987-07-13	ST_CLERK	2700.00	0.00	120	50
	127	James	Landry	JLANDRY	650.124.1334	1987-07-14	ST_CLERK	2400.00	0.00	120	50
	128	Steven	Markle	SMARKLE	650.124.1434	1987-07-15	ST_CLERK	2200.00	0.00	120	50
	129	Laura	Bissot	LBISSOT	650.124.5234	1987-07-16	ST_CLERK	3300.00	0.00	121	50
	130	Mozhe	Atkinson	MATKINSO	650.124.6234	1987-07-17	ST_CLERK	2800.00	0.00	121	50
	131	James	Marlow	JAMRLOW	650.124.7234	1987-07-18	ST_CLERK	2500.00	0.00	121	50
	132	TJ	Olson	TJOLSON	650.124.8234	1987-07-19	ST_CLERK	2100.00	0.00	121	50
	133	Jason	Mallin	JMALLIN	650.127.1934	1987-07-20	ST_CLERK	3300.00	0.00	122	50
	134	Michael	Rogers	MROGERS	650.127.1834	1987-07-21	ST_CLERK	2900.00	0.00	122	50
	135	Ki	Gee	KGEE	650.127.1734	1987-07-22	ST_CLERK	2400.00	0.00	122	50
	136	Hazel	Philtanker	HPHILTAN	650.127.1634	1987-07-23	ST_CLERK	2200.00	0.00	122	50
	137	Renske	Ladwig	RLADWIG	650.121.1234	1987-07-24	ST_CLERK	3600.00	0.00	123	50
	138	Stephen	Stiles	SSTILES	650.121.2034	1987-07-25	ST_CLERK	3200.00	0.00	123	50
	139	John	Seo	JSEO	650.121.2019	1987-07-26	ST_CLERK	2700.00	0.00	123	50

21. From the following table, write a query to identify employees with more than 27 years of experience. Return complete information about the employees.

```
459 • select * from employees where year(current_date)-year(hire_date)>27;
```

460

461

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
▶	100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	24000.00	0.00	0	90
	101	Neena	Kochhar	NKOCHHAR	515.123.4568	1987-06-18	AD_VP	17000.00	0.00	100	90
	102	Lex	De Haan	LDEHAAN	515.123.4569	1987-06-19	AD_VP	17000.00	0.00	100	90
	103	Alexander	Hunold	AHUNOLD	590.423.4567	1987-06-20	IT_PROG	9000.00	0.00	102	60
	104	Bruce	Ernst	BERNST	590.423.4568	1987-06-21	IT_PROG	6000.00	0.00	103	60
	105	David	Austin	DAUSTIN	590.423.4569	1987-06-22	IT_PROG	4800.00	0.00	103	60
	106	Valli	Pataballa	VPATABAL	590.423.4560	1987-06-23	IT_PROG	4800.00	0.00	103	60
	107	Diana	Lorentz	DLORENTZ	590.423.5567	1987-06-24	IT_PROG	4200.00	0.00	103	60
	108	Nancy	Greenberg	NGREENBE	515.124.4569	1987-06-25	FI_MGR	12000.00	0.00	101	100
	109	Daniel	Faviet	DFAVIET	515.124.4169	1987-06-26	FI_ACCOUNT	9000.00	0.00	108	100
	110	John	Chen	JCHEN	515.124.4269	1987-06-27	FI_ACCOUNT	8200.00	0.00	108	100
	111	Ismael	Sciarra	ISCIARRA	515.124.4369	1987-06-28	FI_ACCOUNT	7700.00	0.00	108	100
	112	Jose Manuel	Urman	JMURMAN	515.124.4469	1987-06-29	FI_ACCOUNT	7800.00	0.00	108	100
	113	Luis	Popp	LPOPP	515.124.4567	1987-06-30	FI_ACCOUNT	6900.00	0.00	108	100
	114	Den	Raphaely	DRAPHEAL	515.127.4561	1987-07-01	PU_MAN	11000.00	0.00	100	30

22. From the following table, write a query to find those employees whose salaries are less than 3500. Return complete information about the employees.

```
465 • select * from employees where salary<=3500;
```

466

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
▶	115	Alexander	Khoo	AKHOO	515.127.4562	1987-07-02	PU_CLERK	3100.00	0.00	114	30
	116	Shelli	Baida	SBAIDA	515.127.4563	1987-07-03	PU_CLERK	2900.00	0.00	114	30
	117	Sigal	Tobias	STOBIAS	515.127.4564	1987-07-04	PU_CLERK	2800.00	0.00	114	30
	118	Guy	Himuro	GHIMURO	515.127.4565	1987-07-05	PU_CLERK	2600.00	0.00	114	30
	119	Karen	Colmenares	KCOLMENA	515.127.4566	1987-07-06	PU_CLERK	2500.00	0.00	114	30
	125	Julia	Nayer	JNAYER	650.124.1214	1987-07-12	ST_CLERK	3200.00	0.00	120	50
	126	Irene	Mikkilineni	IMIKKILI	650.124.1224	1987-07-13	ST_CLERK	2700.00	0.00	120	50
	127	James	Landry	JLANDRY	650.124.1334	1987-07-14	ST_CLERK	2400.00	0.00	120	50
	128	Steven	Markle	SMARKLE	650.124.1434	1987-07-15	ST_CLERK	2200.00	0.00	120	50
	129	Laura	Bissot	LBISSOT	650.124.5234	1987-07-16	ST_CLERK	3300.00	0.00	121	50
	130	Mozhe	Atkinson	MATKINSO	650.124.6234	1987-07-17	ST_CLERK	2800.00	0.00	121	50
	131	James	Marlow	JAMRLOW	650.124.7234	1987-07-18	ST_CLERK	2500.00	0.00	121	50
	132	TJ	Olson	TJOLSON	650.124.8234	1987-07-19	ST_CLERK	2100.00	0.00	121	50
	133	Jason	Mallin	JMALLIN	650.127.1934	1987-07-20	ST_CLERK	3300.00	0.00	122	50
	134	Michael	Rogers	MROGERS	650.127.1834	1987-07-21	ST_CLERK	2900.00	0.00	122	50

employees 53 x

23. From the following table, write a query to find the employee whose designation is 'ANALYST'. Return employee name, job name and salary.

```
469 • select * from employees where job_id='ANALYST';
```

470

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

24. From the following table, write a query to identify those employees who joined the company in 1991. Return complete information about the employees.

```
475 • select * from employees where year(hire_date)='1991';
```

476

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

25. From the following table, write a query to find those employees who joined before 1st April 1991. Return employee ID, employee name, hire date and salary.

```
479 • select employee_id,first_name,hire_date,salary from employees where hire_date='1991-04-01';
```

480

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
employee_id	first_name	hire_date	salary

26. From the following table, write a query to identify the employees who do not report to a manager. Return employee name, job name.

```
485 • select first_name,job_id from employees where manager_id=0;
```

486

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	first_name	job_id
▶	Steven	AD PRES

27. From the following table, write a query to find the employees who joined on the 1st of May 1991. Return complete information about the employees.

```

490 • select employee_id,first_name,hire_date,salary from employees where hire_date='1991-05-01';
491

```

employee_id	first_name	hire_date	salary
-------------	------------	-----------	--------

28. From the following table, write a query to identify the experience of the employees who work under the manager whose ID number is 68319. Return employee ID, employee name, salary, experience.

```

495 • select employee_id,first_name,salary, year(current_date)-year(hire_date) as experience from employees where manager_id=68319;
496

```

employee_id	first_name	salary	experience
-------------	------------	--------	------------

29. From the following table, write a query to find out which employees earn more than 100 per day as a salary. Return employee ID, employee name, salary, and experience.

```

500 • select employee_id,first_name,salary,salary/30 as per_day_salary,year(current_date)-year(hire_date) as experience from employees where (salary/30)>100;
501

```

employee_id	first_name	salary	per_day_salary	experience
100	Steven	24000.00	800.000000	38
101	Neena	17000.00	566.666667	38
102	Lex	17000.00	566.666667	38
103	Alexander	9000.00	300.000000	38
104	Bruce	6000.00	200.000000	38
105	David	4800.00	160.000000	38
106	Valli	4800.00	160.000000	38
107	Diana	4200.00	140.000000	38
108	Nancy	12000.00	400.000000	38
109	Daniel	9000.00	300.000000	38
110	John	8200.00	273.333333	38
111	Ismael	7700.00	256.666667	38
112	Jose Manuel	7800.00	260.000000	38
113	Luis	6900.00	230.000000	38
114	Den	11000.00	366.666667	38

```
504 • select concat(first_name,last_name)as employee_name from employees where 1999-year(hire_date)>=8;
505
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:





	employee_name
▶	StevenKing
	NeenaKochhar
	LexDe Haan
	AlexanderHunold
	BruceErnst
	DavidAustin
	ValliPataballa
	DianaLorentz
	NancyGreenberg
	DanielFaviet
	JohnChen
	IsmaelSciarra
	Jose ManuelUrman
	LuisPopp
	Den Raphaely

[illegible][illegible]


```
519 • select * from employees where monthname(hire_date)='APRIL';
```

[illegible]

```
523 • select * from employees where day(hire_date)<19;
524
```

Result Grid	 Filter Rows:	 Edit:	  Export/Import:	 Wrap Cell Content: 							
	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
▶	100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	24000.00	0.00	0	90
	101	Neena	Kochhar	NKOCHHAR	515.123.4568	1987-06-18	AD_VP	17000.00	0.00	100	90
	114	Den	Raphaely	DRAPHEAL	515.127.4561	1987-07-01	PU_MAN	11000.00	0.00	100	30
	115	Alexander	Khoo	AKHOO	515.127.4562	1987-07-02	PU_CLERK	3100.00	0.00	114	30
	116	Shelli	Baida	SBAIDA	515.127.4563	1987-07-03	PU_CLERK	2900.00	0.00	114	30
	117	Sigal	Tobias	STOBIAS	515.127.4564	1987-07-04	PU_CLERK	2800.00	0.00	114	30
	118	Guy	Himuro	GHIMURO	515.127.4565	1987-07-05	PU_CLERK	2600.00	0.00	114	30
	119	Karen	Colmenares	KCOLMENEA	515.127.4566	1987-07-06	PU_CLERK	2500.00	0.00	114	30
	120	Matthew	Weiss	MWEISS	650.123.1234	1987-07-07	ST_MAN	8000.00	0.00	100	50
	121	Adam	Fripp	AFRIPP	650.123.2234	1987-07-08	ST_MAN	8200.00	0.00	100	50
	122	Payam	Kaufling	PKAUFLIN	650.123.3234	1987-07-09	ST_MAN	7900.00	0.00	100	50
	123	Shanta	Vollman	SVOLLMAN	650.123.4234	1987-07-10	ST_MAN	6500.00	0.00	100	50
	124	Kevin	Mourgos	KMOURGOS	650.123.5234	1987-07-11	ST_MAN	5800.00	0.00	100	50
	125	Julia	Nayer	JNAYER	650.124.1214	1987-07-12	ST_CLERK	3200.00	0.00	120	50
	126	Irene	Mikkilineni	IMIKKILI	650.124.1224	1987-07-13	ST_CLERK	2700.00	0.00	120	50

```
527 • select * from employees where job_id='SALESMAN' and mod(timestampdiff(month,hire_date,curdate()),12)>10;
```

[illegible]