HR

DEPARTMENTS
department_id
department_name
manager_id
location_id

LOCATIONS
location_id
street_address
postal_code
city
state_province
country_id

JOB_HISTORY
employee_id
start_date
end_date
job_id
department_id

EMPLOYEES
employee_id
first_name
last_name
email
phone_number
hire_date
job_id
salary
commission_pct
manager_id
department_id

COUNTRIES
country_id
country_name
region_id

JOBS
job_id
job_title
min_salary
max_salary

REGIONS
region_id
region_name

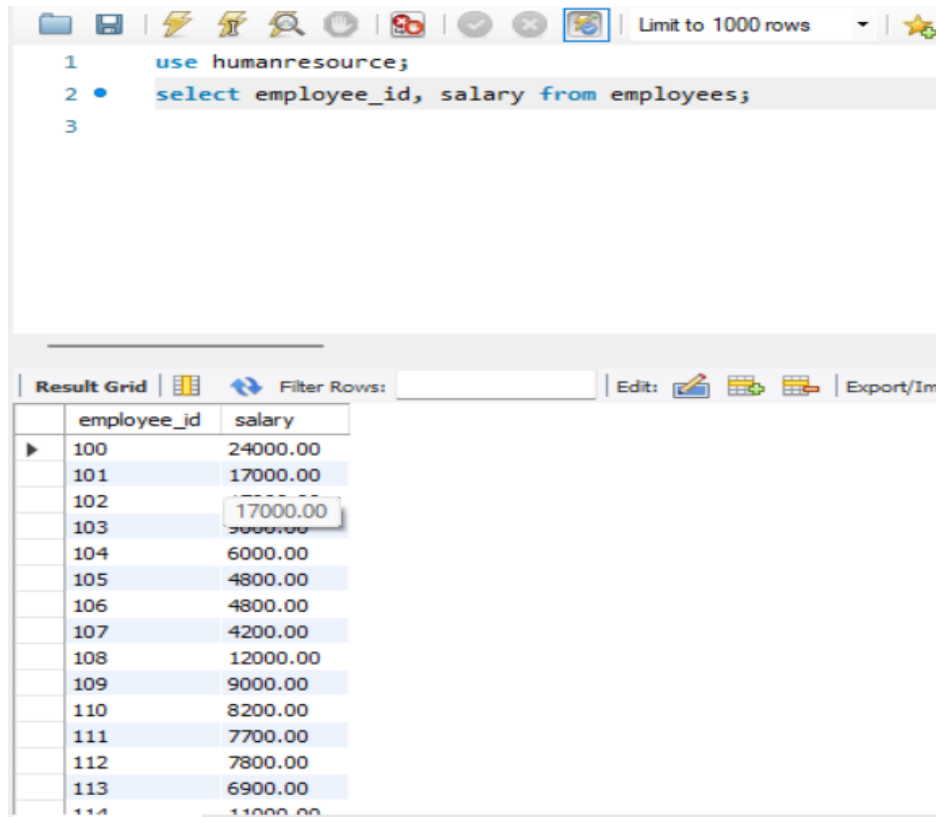**1.** From the following table return complete information about the employees.

```
1    use humanresource;
2 •  select * from employees;
3
```

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
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1991-05-21	IT_PROG	6000.00	NULL	103	60
105	David	Austin	DAUSTIN	590.423.4569	1997-06-25	IT_PROG	4800.00	NULL	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	1998-02-05	IT_PROG	4800.00	NULL	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	1999-02-07	IT_PROG	4200.00	NULL	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	1994-08-17	FI_MGR	12000.00	NULL	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	1994-08-16	FI_ACCOUNT	9000.00	NULL	108	100
110	John	Chen	JCHEN	515.124.4269	1997-09-28	FI_ACCOUNT	8200.00	NULL	108	100
111	Ismael	Sciarra	ISCIARRA	515.124.4369	1997-09-30	FI_ACCOUNT	7700.00	NULL	108	100
112	Jose Manuel	Urman	JMURMAN	515.124.4469	1998-03-07	FI_ACCOUNT	7800.00	NULL	108	100
113	Luis	Popp	LPOPP	515.124.4567	1999-12-07	FI_ACCOUNT	6900.00	NULL	108	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	1994-12-07	PU_MAN	11000.00	NULL	100	30
115	Alexander	Khoo	AKHOO	515.127.4562	1995-05-18	PU_CLERK	3100.00	NULL	114	30
116	Shelli	Baida	SBAIDA	515.127.4563	1997-12-24	PU_CLERK	2900.00	NULL	114	30

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

```
                                         Limit to 1000 rows    ▾  ⭐
    1       use humanresource;
    2  ●    select employee_id, salary from employees;
    3
```

| Result Grid | | Filter Rows: | | Edit: | Export/Im |

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

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

```
1 •  use humanresource;
2 •  select distinct job_title from jobs;
```

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

job_title
Public Accountant
Accounting Manager
Administration Assistant
President
Administration Vice President
Accountant
Finance Manager
Human Resources Representative
Programmer
Marketing Manager
Marketing Representative
Public Relations Representative

Accountant

jobs 12 ✕

4. From the following table, write a SQL query to list the employees' name, increased their salary by 15%, and expressed as number of Dollars.

```
1    use humanresource;
2 •  select salary, salary*1.15/80 as 'new_salary' from employees;
3
```

salary	new_salary
24000.00	345.00000000
17000.00	244.37500000
17000.00	244.37500000
9000.00	129.37500000
6000.00	86.25000000
4800.00	69.00000000
4800.00	69.00000000
4200.00	60.37500000
12000.00	172.50000000
9000.00	129.37500000
8200.00	117.87500000
7700.00	110.68750000
7800.00	112.12500000
6900.00	99.18750000
11000.00	158.12500000
3100.00	44.56250000
2900.00	41.68750000
2800.00	40.25000000
2600.00	37.37500000

Result 5 ×

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

```
1 •  use humanresource;
2 •  select first_name|| ' ' ||last_name as "Employee & Job"
3    from employees ;
```

Result Grid | ⊞ | ↻ Filter Rows: [   ] | Export: 🖫 | Wrap Cell Content: ⫟A

Employee & Job
0
0
0
0
0
0
0
0
0
0
0

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

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

```
1       use humanresource;
2  ●    select first_name,last_name,
3       date_format(hire_date,"%M %D,%Y") as hire_day from employees;
4
```

Result Grid | 🖽 🔁 Filter Rows: [   ] | Export: 🖫 | Wrap Cell Conten

first_name	last_name	hire_day
▶ Steven	King	June 17th, 1987
Neena	Kochhar	September 21st, 1989
Lex	De Haan	January 13th, 1993
Alexander	Hunold	January 3rd, 1990
Bruce	Ernst	May 21st, 1991
David	Austin	June 25th, 1997
Valli	Pataballa	February 5th, 1998
Diana	Lorentz	February 7th, 1999
Nancy	Greenberg	August 17th. 1994
Daniel	Faviet	August 16th August 17th, 1994
John	Chen	September 28th, 1997
Ismael	Sciarra	September 30th, 1997
Jose Manuel	Urman	March 7th, 1998
Luis	Popp	December 7th, 1999
Den	Raphaely	December 7th 1994

Result 21 ✕   ❶ Read Only

Result Grid · Form Editor · Field Types · Query Stats

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

```
1  ●    use humanresource;
2  ●    select first_name, length(trim(first_name))
3       from employees;
```

Result Grid | 🖽 🔁 Filter Rows: [   ] | Export: 🖫 | Wrap Cell Conten

first_name	length(trim(first_name))
▶ Steven	6
Neena	5
Lex	3
Alexander	9
Bruce	5
David	5
Valli	5
Diana	5
Nancy	5
Daniel	6
John	4
Ismael	6

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

```
1 •   use humanresource;
2 •   select employee_id,
3           salary,
4           commission_pct
5     from employees;
```

Result Grid		Filter Rows:		Edit:	Export/Import:

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

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

```
1 •   use humanresource;
2 •   select distinct job_title,
3                     department_id
4     from emp_details_view ;
```

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

job_title	department_id
Programmer	60
Stock Manager	50
Stock Clerk	50
Shipping Clerk	50
Administration Assistant	10
Purchasing Manager	30
Purchasing Clerk	30
President	90
Administration Vice President	90
Finance Manager	100
Accountant	100
Accounting Manager	110
Public Accountant	110
Marketing Manager	20
Marketing Representative	20

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

```
1 •   use humanresource;
2 •   select * from employees
3     where department_id NOT IN (50);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

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	NULL	NULL	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1989-09-21	AD_VP	17000.00	NULL	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	1993-01-13	AD_VP	17000.00	NULL	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1991-05-21	IT_PROG	6000.00	NULL	103	60
105	David	Austin	DAUSTIN	590.423.4569	1997-06-25	IT_PROG	4800.00	NULL	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	1998-02-05	IT_PROG	4800.00	NULL	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	1999-02-07	IT_PROG	4200.00	NULL	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	1994-08-17	FI_MGR	12000.00	NULL	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	1994-08-16	FI_ACCOUNT	9000.00	NULL	108	100
110	John	Chen	JCHEN	515.124.4269	1997-09-28	FI_ACCOUNT	8200.00	NULL	108	100
111	Ismael	Sciarra	ISCIARRA	515.124.4369	1997-09-30	FI ACCOUNT	7700.00	NULL	108	100

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

```
1 •   use humanresource;
2 •   select * from employees
3     where hire_date<('1991-1-1');
```

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	NULL	NULL	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1989-09-21	AD_VP	17000.00	NULL	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60
200	Jennifer	Whalen	JWHALEN	515.123.4444	1987-09-17	AD_ASST	4400.00	NULL	101	10
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

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

```
1 •   use humanresource;
2 •   select avg(max_salary) from jobs
3     where job_title = 'Accountant';
```

avg(max_salary)
9000.0000

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

```
1 •   use humanresource;
2 •   select * from employees
3     where first_name = 'John';
```

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
110	John	Chen	JCHEN	515.124.4269	1997-09-28	FI_ACCOUNT	8200.00	NULL	108	100
139	John	Seo	JSEO	650.121.2019	1998-02-12	ST_CLERK	2700.00	NULL	123	50
145	John	Russell	JRUSSEL	011.44.1344.429268	1996-10-01	SA_MAN	14000.00	0.40	100	80
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

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

```
1 •  use humanresource;
2 •  select * from employees
3    where (commission_pct+1)*salary>salary;
4
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: 𝐈A

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
▶ 145	John	Russell	JRUSSEL	011.44.1344.429268	1996-10-01	SA_MAN	14000.00	0.40	100	80
146	Karen	Partners	KPARTNER	011.44.1344.467268	1997-01-05	SA_MAN	13500.00	0.30	100	80
147	Alberto	Errazuriz	AERRAZUR	011.44.1344.429278	1997-03-10	SA_MAN	12000.00	0.30	100	80
148	Gerald	Cambrault	GCAMBRAU	011.44.1344.619268	1999-10-15	SA_MAN	11000.00	0.30	100	80
149	Eleni	Zlotkey	EZLOTKEY	011.44.1344.429018	2000-01-29	SA_MAN	10500.00	0.20	100	80
150	Peter	Tucker	PTUCKER	011.44.1344.129268	1997-01-30	SA_REP	10000.00	0.30	145	80
151	David	Bernstein	DBERNSTE	011.44.1344.345268	1997-03-24	SA_REP	9500.00	0.25	145	80
152	Peter	Hall	PHALL	011.44.134 011.44.1344.478968		SA_REP	9000.00	0.25	145	80
153	Christopher	Olsen	COLSEN	011.44.1344.498718	1998-03-30	SA_REP	8000.00	0.20	145	80
154	Nanette	Cambrault	NCAMBRAU	011.44.1344.987668	1998-12-09	SA_REP	7500.00	0.20	145	80

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

```
1 •  use humanresource;
2 •  select * from employees
3    where (1.25*salary) > 3000;
4
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: 𝐈A

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	NULL	NULL	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1989-09-21	AD_VP	17000.00	NULL	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	1993-01-13	AD_VP	17000.00	NULL	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1991-05-21	IT_PROG	6000.00	NULL	103	60
105	David	Austin	DAUSTIN	590.423.4569	1997-06-25	IT_PROG	4800.00	NULL	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	1998-02-05	IT_PROG	4800.00	NULL	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	1999-02-07	IT_PROG	4200.00	NULL	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	1994-08-17	FI_MGR	12000.00	NULL	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	1994-08-16	FI_ACCOUNT	9000.00	NULL	108	100

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

```
1 •  use humanresource;
2 •  select first_name from employees
3    where length(first_name)=6;
```

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

first_name
Steven
Daniel
Ismael
Shelli
Shanta
Steven
Renske

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

```
1 •  use humanresource;
2 •  select * from employees
3    where month(hire_date) =1;
4
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
102	Lex	De Haan	LDEHAAN	515.123.4569	1993-01-13	AD_VP	17000.00	NULL	100	90
103	Alexander	Hunold	AH AHUNOLD	0.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60
127	James	Landry	JLANDRY	650.124.1334	1999-01-14	ST_CLERK	2400.00	NULL	120	50
142	Curtis	Davies	CDAVIES	650.121.2994	1997-01-29	ST_CLERK	3100.00	NULL	124	50
146	Karen	Partners	KPARTNER	011.44.1344.467268	1997-01-05	SA_MAN	13500.00	0.30	100	80
149	Eleni	Zlotkey	EZLOTKEY	011.44.1344.429018	2000-01-29	SA_MAN	10500.00	0.20	100	80
150	Peter	Tucker	PTUCKER	011.44.1344.129268	1997-01-30	SA_REP	10000.00	0.30	145	80

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

```
1 •  use humanresource;
2 •  select a.employee_id , 'works for ' , b.manager_id from employees a, employees b
3    where a.employee_id = b.manager_id
4
```

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

employee_id	works for	manager_id
100	works for	100
100	works for	100
100	works for	100
100	works for	100
100	works for	100

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

```
1 •  use humanresource;
2 •  select * from employees where job_id = 'ST_CLERK' or job_id = 'PU_CLERK';
3
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

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	1995-05-18	PU_CLERK	3100.00	NULL	114	30
116	Shelli	Baida	SBAIDA	515.127.4563	1997-12-24	PU_CLERK	2900.00	NULL	114	30
117	Sigal	Tobias	STOBIAS	515.127.4564	1997-07-24	PU_CLERK	2800.00	NULL	114	30
118	Guy	Himuro	GHIMURO	515.127.4565	1998-11-15	PU_CLERK	2600.00	NULL	114	30
119	Karen	Colmenares	KCOLMENA	515.127.4566	1999-08-10	PU_CLERK	2500.00	NULL	114	30

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

```
1 •  use humanresource;
2 •  select * from employees where year(hire_date)>27;
3
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

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	NULL	NULL	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1989-09-21	AD_VP	17000.00	NULL	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	1993-01-13	AD_VP	17000.00	NULL	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1991-05-21	IT_PROG	6000.00	NULL	103	60
105	David	Austin	DAUSTIN	590.423.4569	1997-06-25	IT_PROG	4800.00	NULL	103	60

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

```
1 •   use humanresource;
2 •   select * from employees where salary<3500;
3
```

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	1995-05-18	PU_CLERK	3100.00	NULL	114	30
116	Shelli	Baida	SBAIDA	515.127.4563	1997-12-24	PU_CLERK	2900.00	NULL	114	30
117	Sigal	Tobias	STOBIAS	515.127.4564	1997-07-24	PU_CLERK	2800.00	NULL	114	30
118	Guy	Himuro	GHIMURO	515.127.4565	1998-11-15	PU_CLERK	2600.00	NULL	114	30
119	Karen	Colmenares	KCOLMENA	515.127.4566	1999-08-10	PU_CLERK	2500.00	NULL	114	30
125	Julia	Nayer	JNAYER	650.124.1214	1997-07-16	ST_CLERK	3200.00	NULL	120	50

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

```
1 •   use humanresource;
2 •   select a.first_name , a.last_name , a.salary , b.job_title from employees as a ,
3     jobs as b where a.job_id = b.job_id and job_title = 'Accountant'
```

first_name	last_name	salary	job_title
Daniel	Faviet	9000.00	Accountant
John	Chen	8200.00	Accountant
Ismael	Sciarra	7700.00	Accountant
Jose Manuel	Urman	7800.00	Accountant

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

```
1 •   use humanresource;
2 •   select * from employees where year(hire_date) = 1991;
```

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
104	Bruce	Ernst	BERNST	590.423.4568	1991-05-21	IT_PROG	6000.00	NULL	103	60
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

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

```
1 •  use humanresource;
2 •  select * from employees where year(hire_date) <= 1991 and month(hire_date)<04;
```

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

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

```
1 •  use humanresource;
2 •  select a.first_name, a.last_name from employees as a where a.manager_id is null;
```

first_name	last_name
Steven	King

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

```
1 •  use humanresource;
2 •  select * from employees where hire_date= '1991-05-01'
```

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

28. From the following table, write a SQL 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.

```
1 •  use humanresource;
2 •  select employee_id, first_name, last_name, salary , timestampdiff(year,hire_date, curdate())
3    as 'Experience' from employees where manager_id=148
```

employee_id	first_name	last_name	salary	Experience
168	Lisa	Ozer	11500.00	25
169	Harrison	Bloom	10000.00	24
170	Tayler	Fox	9600.00	24
171	William	Smith	7400.00	23

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

```
1 •  use humanresource;
2 •  select employee_id, first_name, last_name, salary ,
3     timestampdiff(year,hire_date, curdate())
4     as 'Experience' from employees where (salary/30)>100;
```

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

employee_id	first_name	last_name	salary	Experience
100	Steven	King	24000.00	35
101	Neena	Kochhar	17000.00	33
102	Lex	De Haan	17000.00	29
103	Alexander	Hunold	9000.00	32

30. From the following table, write a SQL query to identify those employees who retired after 31-Dec-99, completing eight years of service. Return employee name.

```
1 •  use humanresource;
2 •  select a.first_name, a.last_name, b.end_date from employees as a,
3     job_history as b where b.end_date >= '1999-12-31';
```

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

first_name	last_name	end_date
Steven	King	1999-12-31
Steven	King	1999-12-31
Steven	King	1999-12-31
Neena	Kochhar	1999-12-31
Neena	Kochhar	1999-12-31
Neena	Kochhar	1999-12-31

31. From the following table, write a SQL query to identify the employees whose salaries are odd. Return complete information about the employees.

```
1 •  use humanresource;
2 •  select * from employees where mod(salary,2) = 1;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

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

32. From the following table, write a SQL query to identify employees whose salaries contain only three digits. Return complete information about the employees.

```
1 •  use humanresource;
2 •  select * from employees where salary<9999;
```

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1991-05-21	IT_PROG	6000.00	NULL	103	60
105	David	Austin	DAUSTIN	590.423.4569	1997-06-25	IT_PROG	4800.00	NULL	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	1998-02-05	IT_PROG	4800.00	NULL	103	60

33. From the following table, write a SQL query to find those employees who joined in the month of APRIL. Return complete information about the employees.

```
1 •  use humanresource;
2 •  select * from employees where month(hire_date)=04;
```

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
121	Adam	Fripp	AFRIPP	650.123.2234	1997-04-10	ST_MAN	8200.00	NULL	100	50
132	TJ	Olson	TJOLSON	650.124.8234	1999-04-10	ST_CLERK	2100.00	NULL	121	50
140	Joshua	Patel	JPATEL	650.121.1834	1998-04-06	ST_CLERK	2500.00	NULL	123	50
167	Amit	Banda	ABANDA	011.44.1346.729268	2000-04-21	SA_REP	6200.00	0.10	147	80
173	Sundita	Kumar	SKUMAR	011.44.1343.329268	2000-04-21	SA_REP	6100.00	0.10	148	80

34. From the following table, write a SQL query to find out which employees joined the company before the 19th of the month. Return complete information about the employees.

```
1 •  use humanresource;
2 •  select * from employees where day(hire_date)<20;
```

Result Grid | Filter Rows: [ ] | Edit: | Export/Import: | Wrap Cell Content: $\bar{I}A$

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	NULL	NULL	90
102	Lex	De Haan	LDEHAAN	515.123.4569	1993-01-13	AD_VP	17000.00	NULL	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60
106	Valli	Pataballa	VPATABAL	590.423.4560	1998-02-05	IT_PROG	4800.00	NULL	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	1999-02-07	IT_PROG	4200.00	NULL	103	60

35. From the following table, write a SQL query to identify those employees who have been working as a SALESMAN and month portion of the experience is more than 10. Return complete information about the employees.

Result Grid | Filter Rows: [ ] | Export: | Wrap Cell Content: $\bar{I}A$

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id	job_id	job_title	m
100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	24000.00	NULL	NULL	90	SA_REP	Sales Representative	6C
100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	24000.00	NULL	NULL	90	SA_MAN	Sales Manager	1C
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1989-09-21	AD_VP	17000.00	NULL	100	90	SA_REP	Sales Representative	6C
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1989-09-21	AD_VP	17000.00	NULL	100	90	SA_MAN	Sales Manager	1C
102	Lex	De Haan	LDEHAAN	515.123.4569	1993-01-13	AD_VP	17000.00	NULL	100	90	SA_REP	Sales Representative	6C
102	Lex	De Haan	LDEHAAN	515.123.4569	1993-01-13	AD_VP	17000.00	NULL	100	90	SA_MAN	Sales Manager	1C
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60	SA_REP	Sales Representative	6C
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000.00	NULL	102	60	SA_MAN	Sales Manager	1C
104	Bruce	Ernst	BERNST	590.423.4568	1991-05-21	IT_PROG	6000.00	NULL	103	60	SA_REP	Sales Representative	6C
104	Bruce	Ernst	BERNST	590.423.4568	1991-05-21	IT_PROG	6000.00	6000.00	103	60	SA_MAN	Sales Manager	1C
105	David	Austin	DAUSTIN	590.423.4569	1997-06-25	IT_PROG	4800.00		103	60	SA_REP	Sales Representative	6C