1. Write a query to display the FIRST_NAME and LAST_NAME concatenated as Full Name for all employees.

```
56 •    select concat(first_name,' ',last_name) as Full_Name from employees;
57
```

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

Full_Name
Ellen Abel
Sundar Ande
Mozhe Atkinson
David Austin
Hermann Baer
Shelli Baida
Amit Banda
Elizabeth Bates
Sarah Bell
David Bernstein
Laura Bissot
Harrison Bloom
Alexis Bull
Anthony Cabrio
Gerald Cambrault

2. Write a query to display the FIRST_NAME in lowercase and the LAST_NAME in uppercase for all employees.

```
60 •    select lower(first_name),upper(last_name) from employees;
61
```

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

lower(first_name)	upper(last_name)
ellen	ABEL
sundar	ANDE
mozhe	ATKINSON
david	AUSTIN
hermann	BAER
shelli	BAIDA
amit	BANDA
elizabeth	BATES
sarah	BELL
david	BERNSTEIN
laura	BISSOT
harrison	BLOOM
alexis	BULL
anthony	CABRIO
gerald	CAMBRAULT

3. Write a query to display the COUNTRY_NAME of all countries in uppercase.

```
65 •    select upper(COUNTRY_NAME) from countries;
66
```

Result Grid | Filter Rows: | Export: | Wrap

upper(COUNTRY_NAME)
ARGENTINA
AUSTRALIA
BELGIUM
BRAZIL
CANADA
SWITZERLAND
CHINA
GERMANY
DENMARK
EGYPT
FRANCE
HONGKONG
ISRAEL
INDIA
ITALY

4. Write a query to display the FIRST_NAME and the length of the first name for all employees.

```
71 •    select first_name,length(first_name) as fisrt_name_length from employees;
72
```

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

first_name	fisrt_name_length
Ellen	5
Sundar	6
Mozhe	5
David	5
Hermann	7
Shelli	6
Amit	4
Elizabeth	9
Sarah	5
David	5
Laura	5
Harrison	8
Alexis	6
Anthony	7
Gerald	6

5. Write a query to display the EMAIL and the length of the email address for employees whose email length is greater than 10

```
74 •    select email,length(email) as fisrt_name_length from employees where length(email)>7;
75
```

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

email	fisrt_name_length
AERRAZUR	8
BEVERETT	8
CJOHNSON	8
CVISHNEY	8
DBERNSTE	8
DLORENTZ	8
DOCONNEL	8
DRAPHEAL	8
EZLOTKEY	8
GCAMBRAU	8
HPHILTAN	8
IMIKKILI	8
ISCIARRA	8
JDELLING	8
JLIVINGS	8

6. Write a query to extract the first three characters from the FIRST_NAME of all employees.

```
78 •    select first_name,left(first_name,3) from employees;
79
```

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

first_name	left(first_name,3)
Ellen	Ell
Sundar	Sun
Mozhe	Moz
David	Dav
Hermann	Her
Shelli	She
Amit	Ami
Elizabeth	Eli
Sarah	Sar
David	Dav
Laura	Lau
Harrison	Har
Alexis	Ale
Anthony	Ant
Gerald	Ger

7. Write a query to extract the last four characters of the PHONE_NUMBER for all employees.

```
81      -- 7.   Write a query to extract the last four characters of the PHONE_NUMBER for all employees.
82 •    select phone_number,right(phone_number,4) from employees;
83
```

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

phone_number	right(phone_number,4)
515.123.4567	4567
515.123.4568	4568
515.123.4569	4569
590.423.4567	4567
590.423.4568	4568
590.423.4569	4569
590.423.4560	4560
590.423.5567	5567
515.124.4569	4569
515.124.4169	4169
515.124.4269	4269
515.124.4369	4369
515.124.4469	4469
515.124.4567	4567
515.127.4561	4561

8. Write a query to find the position of the letter 'a' in the LAST_NAME of all employees.

```
87 •    select last_name, instr(last_name,'a') as position_a from employees;
88
```

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

last_name	position_a
Abel	1
Ande	1
Atkinson	1
Austin	1
Baer	2
Baida	2
Banda	2
Bates	2
Bell	0
Bernstein	0
Bissot	0
Bloom	0
Bull	0
Cabrio	2
Cambrault	2

9. Write a query to find the position of the substring 'IT' in the job title of all employees.

```
90
91 •    select job_title,instr(job_title,'IT') as pos_IT from jobs;
92
```

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

job_title	pos_IT
President	0
Administration Vice President	0
Administration Assistant	0
Finance Manager	0
Accountant	0
Accounting Manager	0
Public Accountant	0
Sales Manager	0
Sales Representative	0
Purchasing Manager	0
Purchasing Clerk	0
Stock Manager	0
Stock Clerk	0
Shipping Clerk	0

10. Write a query to replace all occurrences of 'a' with 'X' in the FIRST_NAME of all employees.

```
94 •    select first_name, replace(first_name,'a','x') from employees;
```

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

first_name	replace(first_name,'a','x')
Ellen	Ellen
Sundar	Sundxr
Mozhe	Mozhe
David	Dxvid
Hermann	Hermxnn
Shelli	Shelli
Amit	Amit
Elizabeth	Elizxbeth
Sarah	Sxrxh
David	Dxvid
Laura	Lxurx
Harrison	Hxrrison
Alexis	Alexis
Anthony	Anthony
Gerald	Gerxld

11. Write a query to replace the region name 'Europe' with 'EU' in the REGION_NAME column.

```
98 •  select REGION_NAME,replace(REGION_NAME,'Europe','EU') from regions;
99
```

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

REGION_NAME	replace(REGION_NAME,'Europe','EU')
Americas	Americas
Asia	Asia
Europe	EU
Middle East and Africa	Middle East and Africa

12. Write a query to remove any leading and trailing spaces from the FIRST_NAME of all employees and display the cleaned-up names.

```
104 •  select first_name,trim(first_name) as firstt_name from employees;
105
```

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

first_name	firstt_name
Ellen	Ellen
Sundar	Sundar
Mozhe	Mozhe
David	David
Hermann	Hermann
Shelli	Shelli
Amit	Amit
Elizabeth	Elizabeth
Sarah	Sarah
David	David
Laura	Laura
Harrison	Harrison
Alexis	Alexis
Anthony	Anthony
Gerald	Gerald

13. Write a query to remove any trailing spaces from the CITY names of all locations.

```
105 •   select city,replace(City,' ','') as no_space from locations;
106
```

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

city	no_space
"Distrito Federal	"DistritoFederal
Bavaria	Bavaria
BE	BE
California	California
Geneve	Geneve
Maharashtra	Maharashtra
Manchester	Manchester
New Jersey	NewJersey
New South Wales	NewSouthWales
Ontario	Ontario
Oxford	Oxford
Sao Paulo	SaoPaulo

14. Write a query to extract the first five characters from the EMAIL of all employees using the LEFT function.

```
107 •   select left(email,5) from employees;
108
```

Result Grid | Filter Rows: | Export: | Wr

left(email,5)
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g
xyz@g

15. Write a query to extract the last three characters from the COUNTRY_NAME of all countries using the RIGHT function.

```
111 •   select right(COUNTRY_NAME,3) from countries;
112
```

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

right(COUNTRY_NAME,3)
dia
USA
UK
ria
ina

16. Write a query to extract the domain (everything after '@') from the EMAIL column of all employees.

```
117 •   select substring_index(email,'@',-1)as domain from employees;
118
```

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

domain
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com
gmail.com

17. Write a query to extract the country code (first part before space) from the PHONE_NUMBER of all employees.

```
131 •   select substring_index(phone_number,'.',1) as country_code from employees;
132
```

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

country_code
650
650
650
650
650
650
650
650
515
515
603
515
515
515
515

18. Write a query to compare the FIRST_NAME and LAST_NAME of employees and display 0 if they are the same and a non-zero value if they are different.\

```
130 •   select concat(first_name,' ',last_name) as Full_Name,
131     if(first_name=last_name,0,'Diff') as check_name from employees;
132
```

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

Full_Name	check_name
Steven King	Diff
Neena Kochhar	Diff
Sundita Kumar	Diff
Renske Ladwig	Diff
James Landry	Diff
David Lee	Diff
Lex Lex	0
Jack Livingston	Diff
Diana Lorentz	Diff
Jason Mallin	Diff
Steven Markle	Diff
James Marlow	Diff
Mattea Marvins	Diff
Randall Matos	Diff
Susan Mavris	Diff

19. Write a query to compare the REGION_NAME of regions and display 0 if it is 'Asia' and 1 otherwise.

```
141     if(region_name="Asia",0,1) as check_region from regions;
142
```

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

region_id	region_name	check_region
1	Europe	1
2	Americas	1
3	Asia	1
4	Middle East and Africa	1

20. Write a query to display the FIRST_NAME, LAST_NAME, and JOB_TITLE concatenated as a single string, with each value separated by a hyphen (-), for all employees.

```
142 •   select first_name,last_name,department_id, concat(first_name,' - ',last_name,' - ',department_id) as info from employees;
```

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

first_name	last_name	department_id	info
Steven	King	90	Steven - King - 90
Neena	Kochhar	90	Neena - Kochhar - 90
Lex	De Haan	90	Lex - De Haan - 90
Alexander	Hunold	60	Alexander - Hunold - 60
Bruce	Ernst	60	Bruce - Ernst - 60
David	Austin	60	David - Austin - 60
Valli	Pataballa	60	Valli - Pataballa - 60
Diana	Lorentz	60	Diana - Lorentz - 60
Nancy	Greenberg	100	Nancy - Greenberg - 100
Daniel	Faviet	100	Daniel - Faviet - 100
John	Chen	100	John - Chen - 100
Ismael	Sciarra	100	Ismael - Sciarra - 100
Jose Manuel	Urman	100	Jose Manuel - Urman - 100
Luis	Popp	100	Luis - Popp - 100
Den	Raphaely	30	Den - Raphaely - 30

21. Write a query to extract the username (portion before @) from the EMAIL column and display it along with the FIRST_NAME for all employees.

```
146 •   select substring_index(email,'@',1)as username from employees;
147
```

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

username
xyz
xyz
xyz
xyz
xyz
xyz
xyz
xyz
xyz
xyz
xyz
xyz
xyz
xyz
xyz

22. Write a query to replace all occurrences of 'e' with 'E' in the LAST_NAME of employees whose LAST_NAME contains 'e'.

```
152 •   select last_name, replace(last_name,'e','E') from employees;
153
```

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

last_name	replace(last_name,'e','E')
Abel	AbEl
Ande	AndE
Atkinson	Atkinson
Austin	Austin
Baer	BaEr
Baida	Baida
Banda	Banda
Bates	BatEs
Bell	BEll
Bernstein	BErnstEin
Bissot	Bissot
Bloom	Bloom
Bull	Bull
Cabrio	Cabrio
Cambrault	Cambrault

23. Write a query to find the position of the first occurrence of the letter 'o' in the FIRST_NAME of employees and display the name along with the position.

```
156 •   select first_name, instr(first_name,'o') as position_a from employees;
157
```

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

first_name	position_a
Ellen	0
Sundar	0
Mozhe	2
David	0
Hermann	0
Shelli	0
Amit	0
Elizabeth	0
Sarah	0
David	0
Laura	0
Harrison	7
Alexis	0
Anthony	5
Gerald	0

24. Write a query to display the CITY name for all locations, removing any leading and trailing spaces, and also display the first three characters of the cleaned-up city name.

```
162 •   select trim(city) as c_city,left(trim(city),3) from locations;
163
```

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

c_city	left(trim(city),3)
'Distrito Federal	'Di
Bavaria	Bav
BE	BE
California	Cal
Geneve	Gen
Maharashtra	Mah
Manchester	Man
New Jersey	New
New South Wales	New

25. Write a query to find employees whose LAST_NAME contains the letter 'n' and display their LAST_NAME along with the position of the first occurrence of 'n'.

```
166 •   select last_name, instr(last_name,'n') as position_n from employees where
167       instr(last_name,'n')>0;
168
```

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

last_name	position_n
Ande	2
Atkinson	5
Austin	6
Banda	3
Bernstein	4
Chen	4
Chung	4
Colmenares	6
Dellinger	6
Doran	5
Ernst	3
Feeney	4
Geoni	4
Grant	4
Grant	4

26. Write a query to find the position of the letter 'a' in the FIRST_NAME for all employees. Display the employee's first name and the position of the letter 'a'.

```
172 •   select first_name, instr(first_name,'a') as position_a from employees;
173
```

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

first_name	position_a
Ellen	0
Sundar	5
Mozhe	0
David	2
Hermann	5
Shelli	0
Amit	1
Elizabeth	5
Sarah	2
David	2
Laura	2
Harrison	2
Alexis	1
Anthony	1
Gerald	4

27. Write a query to display the position of the first occurrence of 'e' in the JOB_TITLE for all jobs, and display only those where the letter 'e' occurs after the 5th character.

```
177 •   select JOB_TITLE, instr(JOB_TITLE,'e') as position_n from jobs where
178       instr(JOB_TITLE,'e')>0;
179
```

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

JOB_TITLE	position_n
President	3
Administration Vice President	19
Finance Manager	7
Accounting Manager	17
Sales Manager	4
Sales Representative	4
Purchasing Manager	17
Purchasing Clerk	14
Stock Manager	12
Stock Clerk	9
Shipping Clerk	12
Programmer	9
Marketing Manager	5
Marketing Representative	5
Human Resources Represen...	8

28. Write a query to compare the FIRST_NAME and LAST_NAME of employees and display only those employees where the first name comes alphabetically before the last name.

```
191 •   select first_name,last_name from employees where strcmp(first_name,last_name)<0;
192
```

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

first_name	last_name
Amit	Banda
Alexis	Bull
Anthony	Cabrio
Curtis	Davies
Bruce	Ernst
Alberto	Errazuriz
Britney	Everett
Daniel	Faviet
Adam	Fripp
Douglas	Grant
Danielle	Greene
Guy	Himuro
Alexander	Hunold
Alyssa	Hutton
Charles	Johnson

29. Write a query to find all departments where the DEPARTMENT_NAME is either 'IT' or 'HR' using the FIND_IN_SET function.

```
192 •  select department_id,DEPARTMENT_NAME from departments where find_in_set(department_name,'IT,HR');
193
```

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

department_id	DEPARTMENT_NAME
60	IT

30. Write a query to display the FIRST_NAME and the length of the name for employees whose FIRST_NAME length is greater than 6.

```
198 •  select FIRST_NAME,length(FIRST_NAME)as len_first_name from employees where length(FIRST_NAME)>6;
199
```

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

FIRST_NAME	len_first_name
Hermann	7
Elizabeth	9
Harrison	8
Anthony	7
Nanette	7
Jennifer	8
Alberto	7
Britney	7
Timothy	7
William	7
Douglas	7
Kimberely	9
Danielle	8
Michael	7
Shelley	7

31. Write a query to find all countries where the COUNTRY_NAME contains either 'China', 'India', or 'Japan'

```
206 •  select * from country_new where COUNTRY_NAME in( 'China','India','Japan');
207
```

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

COUNTRY_ID	COUNTRY_NAME	REGION_ID
CN	China	3
IN	India	3
JP	Japan	3
NULL	NULL	NULL

32. Write a query to find all employees who have DEPARTMENT_ID present in the list (50, 60, 70)

```
210 •  select * from employees where DEPARTMENT_ID in (50, 60, 70);
211
```

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

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus	email
103	Alexander	Hunold	9000.00	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL	xyz@gmail.com
104	Bruce	Ernst	6000.00	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
105	David	Austin	4800.00	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
106	Valli	Pataballa	4800.00	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
107	Diana	Lorentz	4200.00	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
120	Matthew	Weiss	8000.00	650.123.1234	1987-07-07	ST_MAN	NULL	100	50	inactive	NULL	NULL	xyz@gmail.com
121	Adam	Fripp	8200.00	650.123.2234	1987-07-08	ST_MAN	NULL	100	50	inactive	NULL	NULL	xyz@gmail.com
122	Payam	Kaufling	7900.00	650.123.3234	1987-07-09	ST_MAN	NULL	100	50	inactive	NULL	NULL	xyz@gmail.com
123	Shanta	Vollman	6500.00	650.123.4234	1987-07-10	ST_MAN	NULL	100	50	inactive	NULL	NULL	xyz@gmail.com
124	Kevin	Mourgos	5800.00	650.123.5234	1987-07-11	ST_MAN	NULL	100	50	inactive	NULL	NULL	xyz@gmail.com
125	Julia	Nayer	3200.00	650.124.1214	1987-07-12	ST_CLERK	NULL	120	50	inactive	NULL	NULL	xyz@gmail.com
126	Irene	Mikkilineni	2700.00	650.124.1224	1987-07-13	ST_CLERK	NULL	120	50	inactive	NULL	NULL	xyz@gmail.com
127	James	Landry	2400.00	650.124.1334	1987-07-14	ST_CLERK	NULL	120	50	inactive	NULL	NULL	xyz@gmail.com
128	Steven	Markle	2200.00	650.124.1434	1987-07-15	ST_CLERK	NULL	120	50	inactive	NULL	NULL	xyz@gmail.com
129	Laura	Bissot	3300.00	650.124.5234	1987-07-16	ST_CLERK	NULL	121	50	inactive	NULL	NULL	xyz@gmail.com

33. Write a query to extract the first two characters from the COUNTRY_NAME function and the last two characters displaying them along with the full COUNTRY_NAME.

```
215 •  select COUNTRY_NAME, left(COUNTRY_NAME,2) as two_char from country_new;
216
```

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

COUNTRY_NAME	two_char
Argentina	Ar
Australia	Au
Belgium	Be
Brazil	Br
Canada	Ca
Switzerland	Sw
China	Ch
Germany	Ge
Denmark	De
Egypt	Eg
France	Fr
HongKong	Ho
Israel	Is
India	In
Italy	It

34. Write a query to display employees whose LAST_NAME contains the letter 'o' at a position greater than half the length of their last name.

```
219 •  select LAST_NAME,instr(LAST_NAME,'o'),length(LAST_NAME) from employees
220    where instr(LAST_NAME,'o')>length(LAST_NAME)/2;
221
```

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

LAST_NAME	instr(LAST_NAME,'o')	length(LAST_NAME)
Atkinson	7	8
Bissot	5	6
Bloom	3	5
Cabrio	6	6
Fox	2	3
Geoni	3	5
Himuro	6	6
Hunold	4	6
Hutton	5	6
Khoo	3	4
Livingston	9	10
Marlow	5	6
Matos	4	5
Seo	3	3
Taylor	5	6

35. Write a query to find employees whose FIRST_NAME contains the letter 'a' and the letter 'e' and display the positions of both.

```
223 •  select LAST_NAME,instr(LAST_NAME,'o') position_o_first, instr(LAST_NAME,'e') position_e_last from employees
224    where instr(LAST_NAME,'e')>0 and instr(LAST_NAME,'o')>0;
225
```

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

LAST_NAME	position_o_first	position_e_last
Colmenares	2	5
Geoni	3	2
Jones	2	4
Lorentz	2	4
OConnell	1	6
Olsen	1	4
Ozer	1	3
Rogers	2	4
Seo	3	2
Zlotkey	3	6

36. Write a query to extract the domain from the EMAIL column for employees and only display employees whose domain is 'example.com'.

```
228
229 •  select substring_index(email,'@',-1)as domain from employees where substring_index(email,'@',-1)='example.com';
230
```

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

domain
example.com
example.com

37. Write a query to count the number of employees who belong to department IDs 50, 60, or 70

```
234 •  select count(*) from employees where department_id in(50, 60, 70);
235
```

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

count(*)
51

38. Write a query to display all COUNTRY_NAMEs from the countries table where REGION_ID is either 1 or 3

```
240 •  select COUNTRY_NAME,region_id from country_new where region_id in(1,3);
241
```

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

COUNTRY_NAME	region_id
Australia	3
Belgium	1
Switzerland	1
China	3
Germany	1
Denmark	1
France	1
HongKong	3
India	3
Italy	1
Japan	3
Netherlands	1
Singapore	3
United Kingdom	1

39. Write a query to find employees who either work in departments 50, 60, or 70 or have a salary greater than 10,000.

```
245 •  select * from employees where department_id in(50, 60, 70) or salary>10000;
246
```

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

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus	email
100	Steven	King	27600.00	515.123.4567	2025-09-25	AD_PRES	NULL	0	90	inactive	NULL	NULL	xyz@gmail.com
101	Neena	Kochhar	19550.00	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL	xyz@example.com
102	Lex	Lex	19550.00	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL	xyz@example.com
103	Alexander	Hunold	9000.00	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL	xyz@gmail.com
104	Bruce	Ernst	6000.00	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
105	David	Austin	4800.00	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
106	Valli	Pataballa	4800.00	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
107	Diana	Lorentz	4200.00	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
108	Nancy	Greenberg	12000.00	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL	xyz@gmail.com
114	Den	Raphaely	11000.00	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL	xyz@gmail.com
120	Matthew	Weiss	8000.00	650.123.1234	1987-07-07	ST_MAN	NULL	100	50	inactive	NULL	NULL	xyz@gmail.com
121	Adam	Fripp	8200.00	650.123.2234	1987-07-08	ST_MAN	NULL	100	50	inactive	NULL	NULL	xyz@gmail.com
122	Payam	Kaufling	7900.00	650.123.3234	1987-07-09	ST_MAN	NULL	100	50	inactive	NULL	NULL	xyz@gmail.com
123	Shanta	Vollman	6500.00	650.123.4234	1987-07-10	ST_MAN	NULL	100	50	inactive	NULL	NULL	xyz@gmail.com

40. Write a query to find employees whose DEPARTMENT_ID is either 50 or 60 and their MANAGER_ID is either 103 or 108.

```
250 •  select * from employees where department_id in(50, 60) and manager_id in(103,108);
251
```

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

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus	email
104	Bruce	Ernst	6000.00	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
105	David	Austin	4800.00	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
106	Valli	Pataballa	4800.00	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
107	Diana	Lorentz	4200.00	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL	xyz@gmail.com
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

After Join/case Statement

Write a query to display the FIRST_NAME in uppercase for employees whose SALARY is greater than 8000 and the LAST_NAME in lowercase for employees whose SALARY is less than 8000.

```
275 •  select
276      case
277        when salary>8000 then upper(first_name)
278        else first_name
279      end as upper_first_name,
280      case
281        when salary<8000 then lower(last_name)
282        else last_name
283      end as lower_last_name,
284      salary
285    from
286    employees;
287
```

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

upper_first_name	lower_last_name	salary
STEVEN	King	27600.00
NEENA	Kochhar	19550.00
LEX	Lex	19550.00
ALEXANDER	Hunold	9000.00
Bruce	ernst	6000.00
David	austin	4800.00
Valli	pataballa	4800.00
Diana	lorentz	4200.00
NANCY	Greenberg	12000.00
DANIEL	Faviet	9000.00
JOHN	Chen	8200.00
Ismael	sciarra	7700.00