

1. Write a query to display the job titles whose MAX_SALARY is less than or equal to 20000.

665 • `select job_title from jobs where MAX_SALARY<=20000;`

666

667

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
job_title				
▶	Administration Assistant			
	Finance Manager			
	Accountant			
	Accounting Manager			
	Public Accountant			
	Sales Manager			
	Sales Representative			
	Purchasing Manager			
	Purchasing Clerk			
	Stock Manager			
	Stock Clerk			
	Shipping Clerk			
	Programmer			
	Marketing Manager			
	Marketing Representative			

2. Write a query to find employees with a salary greater than 5000.

670 • `select * from employees where salary>5000;`

671

Result Grid		Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:								
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bon
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
111	Ismael	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
113	Luis	Popp	6900.00	not available	515.124.4567	1987-06-30	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL
120	Matthew	Weiss	8000.00	not available	650.123.1234	1987-07-07	ST_MAN	NULL	100	50	inactive	NULL	NULL
121	Adam	Fripp	8200.00	not available	650.123.2234	1987-07-08	ST_MAN	NULL	100	50	inactive	NULL	NULL
122	Payam	Kaufling	7900.00	not available	650.123.3234	1987-07-09	ST_MAN	NULL	100	50	inactive	NULL	NULL

employees 173 X

3. Write a query to display employees who do not belong to department 90.

666 • `select * from employees where department_id<>90;`

667

4. Write a query to find employees with a salary less than 4000.

```
665 • select * from employees where department_id=90;
```

666 -- 3. Write a query to find employees with a salary less than 4000.

667 • select * from employees where salary<4000;

Result Grid											Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bon	
115	Alexander	Khoo	3100.00	not available	515.127.4562	1987-07-02	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
116	Shelli	Baida	2900.00	not available	515.127.4563	1987-07-03	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
117	Sigal	Tobias	2800.00	not available	515.127.4564	1987-07-04	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
118	Guy	Himuro	2600.00	not available	515.127.4565	1987-07-05	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
119	Karen	Colmenares	2500.00	not available	515.127.4566	1987-07-06	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
125	Julia	Nayer	3200.00	not available	650.124.1214	1987-07-12	ST_CLERK	NULL	120	50	inactive	NULL	NULL	

5. Write a query to display employees whose COMMISSION_PCT is not null. Write a query to display employees whose MANAGER_ID is null.

```
668 -- 4. Write a query to display employees whose COMMISSION_PCT is not null. Write a query to display employees whose MANAGER_ID is null.  
669 • select * from employees where COMMISSION_PCT is not null and manager_id is null;
```

6. Write a query to find employees in departments with IDs greater than 50.

```
670 -- 5. Write a query to find employees in departments with IDs greater than 50.
671 • select * from employees where department_id>50;
```

Result Grid													
Edit: Export/Import: Wrap Cell Content:													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL

7. Write a query to display the employees with DEPARTMENT_ID equal to 90.

```
672 -- 6. Write a query to display the employees with DEPARTMENT_ID equal to 90.
673 • select * from employees where department_id=90;
674 -- 7. Write a query to display employees in department ID 100, 200, or 300.
```

Result Grid													
Edit: Export/Import: Wrap Cell Content:													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
• NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

8. Write a query to display employees in department ID 100, 200, or 300.

```
674 -- 7. Write a query to display employees in department ID 100, 200, or 300.
675 • select * from employees where department_id in (100,200,300);
676 -- 8. Write a query to display jobs where MAX_SALARY is greater than or equal to 10000.
```

Result Grid													
Edit: Export/Import: Wrap Cell Content:													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
111	Ismail	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
113	Luis	Popp	6900.00	not available	515.124.4567	1987-06-30	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL

9. Write a query to display jobs where MAX_SALARY is greater than or equal to 10000.

```
676 -- 8. Write a query to display jobs where MAX_SALARY is greater than or equal to 10000.
677 • select * from jobs where MAX_SALARY>=10000;
678 -- 9. Write a query to find departments where the location is 1700.
```

Result Grid												
Edit: Export/Import:												
JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY									
AD_PRES	President	20000	40000									
AD_VP	Administration Vice President	15000	30000									
FI_MGR	Finance Manager	8200	16000									
AC_MGR	Accounting Manager	8200	16000									
SA_MAN	Sales Manager	10000	20000									
SA_REP	Sales Representative	6000	12000									

10. Write a query to find departments where the location is 1700

```
680 • select * from departments where location_id=1700;
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:				
	DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
▶	10	Administration	200	1700
	30	Purchasing	114	1700
	90	Executive	100	1700
	100	Finance	108	1700
	110	Accounting	205	1700
	120	Treasury	0	1700

departments 83 ×

11. Write a query to find countries where REGION_ID is greater than or equal to 2.

```
682 -- 10. Write a query to find countries where RE
```

```
683 • select * from countries where REGION_ID>=2;
```

Result Grid Filter Rows: Export: Wrap Ce			
	COUNTRY_ID	COUNTRY_NAME	REGION_ID
▶	C0001	India	1001
	C0002	USA	1007
	C0003	UK	1003
	C0004	Austria	1009
	C0006	China	1012

countries 84 ×

12. Write a query to find employees whose MANAGER_ID is less than 103.

```
685 -- 11. Write a query to find employees whose MANAGER_ID is less than 103.
```

```
686 • select * from employees where manager_id<103;
```

687

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL
120	Matthew	Weiss	8000.00	not available	650.123.1234	1987-07-07	ST_MAN	NULL	100	50	inactive	NULL	NULL
121	Adam	Fripp	8200.00	not available	650.123.2234	1987-07-08	ST_MAN	NULL	100	50	inactive	NULL	NULL

employees 85 ×

13. Write a query to find employees whose SALARY is greater than or equal to 8000.

```
691 • select * from employees where salary>=8000;
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL

14. Write a query to find employees in departments with IDs less than or equal to 60

```
695 • select * from employees where department_id<=60;  
696
```

Result Grid		Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:					
Employee_ID	First_Name	Last_Name	salary	Email	Phone_Number	Hire_Date	Job_ID	Commission_Pct	Manager_ID	Department_ID	Status	Age	Check_Bonus
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL
106	Valli	Pataballa	4800.00	not available	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL
107	Diana	Lorentz	4200.00	not available	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL

15. Write a query to find employees whose SALARY is between 4000 and 8000.

```
697 -- 14. Write a query to find employees whose SALARY is between 4000 and 8000.  
698 • select * from employees where salary between 4000 and 8000;
```

Result Grid		Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:					
Employee_ID	First_Name	Last_Name	salary	Email	Phone_Number	Hire_Date	Job_ID	Commission_Pct	Manager_ID	Department_ID	Status	Age	Check_Bonus
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL
106	Valli	Pataballa	4800.00	not available	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL
107	Diana	Lorentz	4200.00	not available	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL
111	Ismail	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL

16. Write a query to display the job titles where the minimum salary is greater than 6000.

716 • `select job_title from jobs where MIN_SALARY>6000;`

717

job_title
President
Administration Vice President
Finance Manager
Accounting Manager
Sales Manager
Purchasing Manager
Marketing Manager

17. Write a query to find employees whose salary is not equal to 5000.

```
719 •   select job_title from jobs where MIN_SALARY<>5000;  
720  
721
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
job_title			
President			
Administration Vice President			
Administration Assistant			
Finance Manager			
Accountant			
Accounting Manager			
Public Accountant	•		
Sales Manager			
Sales Representative			
Purchasing Manager			
Purchasing Clerk			
Stock Manager			
Stock Clerk			
Shipping Clerk			
Programmer			

18. Write a query to display departments whose MANAGER ID is not 0.

```
726 •   select * from departments where manager_id<>0;  
727
```

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

	DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
▶	90	Executive	100	1700
	60	IT	103	1400
	100	Finance	108	1700
	30	Purchasing	114	1700
	50	Shipping	121	1500
	80	Sales	145	2500
	10	Administration	200	1700
	20	Marketing	201	1800
	40	Human Resources	203	2400
	70	Public Relations	204	2700
	110	Accounting	205	1700
*	NULL	NULL	NULL	NULL

19. Write a query to display the countries where REGION_ID is not equal to 2.

```
709      -- 18. Write a query to display the countries where REGION_ID is not equal to 2.  
710 •  select * from countries where REGION_ID<>2;
```

Result Grid			
	COUNTRY_ID	COUNTRY_NAME	REGION_ID
▶	C0001	India	1001
	C0002	USA	1007
	C0003	UK	1003
	C0004	Austria	1009
	C0006	China	1012

countries 98

20. Write a query to find employees whose salary is exactly 6000.

```
712      -- 19. Write a query to find employees whose salary is exactly 6000.  
713 •  select * from employees where salary=6000;  
714      -- 20. Write a query to display employees where SALARY is greater than 10000 or DEPARTMENT_ID is 60.
```

Result Grid													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
202	Pat	Fay	6000.00	not available	603.123.6666	1987-09-27	MK_REP	NULL	201	20	inactive	NULL	NULL
• NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

21. Write a query to display employees where SALARY is greater than 10000 or DEPARTMENT_ID is 60.

```

714 -- 20. Write a query to display employees where SALARY is greater than 10000 or DEPARTMENT_ID is 60.
715 • select * from employees where salary>10000 or DEPARTMENT_Id=60;

```

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

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL

employees 100 X

Output:

22. Write a query to find employees whose salary is less than or equal to 3000.

```

717 -- 21. Write a query to find employees whose salary is less than or equal to 3000.
718 • select * from employees where salary<=3000;

```

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

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
116	Shelli	Baida	2900.00	not available	515.127.4563	1987-07-03	PU_CLERK	NULL	114	30	inactive	NULL	NULL
117	Sigal	Tobias	2800.00	not available	515.127.4564	1987-07-04	PU_CLERK	NULL	114	30	inactive	NULL	NULL
118	Guy	Himuro	2600.00	not available	515.127.4565	1987-07-05	PU_CLERK	NULL	114	30	inactive	NULL	NULL
119	Karen	Colmenares	2500.00	not available	515.127.4566	1987-07-06	PU_CLERK	NULL	114	30	inactive	NULL	NULL
126	Irene	Mikkilineni	2700.00	not available	650.124.1224	1987-07-13	ST_CLERK	NULL	120	50	inactive	NULL	NULL
127	James	Landry	2400.00	not available	650.124.1334	1987-07-14	ST_CLERK	NULL	120	50	inactive	NULL	NULL

employees 102 X

23. Write a query to find employees whose salary is less than or equal to 3000.

```

717 -- 21. Write a query to find employees whose salary is less than or equal to 3000.
718 • select * from employees where salary<=3000;

```

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

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
116	Shelli	Baida	2900.00	not available	515.127.4563	1987-07-03	PU_CLERK	NULL	114	30	inactive	NULL	NULL
117	Sigal	Tobias	2800.00	not available	515.127.4564	1987-07-04	PU_CLERK	NULL	114	30	inactive	NULL	NULL
118	Guy	Himuro	2600.00	not available	515.127.4565	1987-07-05	PU_CLERK	NULL	114	30	inactive	NULL	NULL
119	Karen	Colmenares	2500.00	not available	515.127.4566	1987-07-06	PU_CLERK	NULL	114	30	inactive	NULL	NULL
126	Irene	Mikkilineni	2700.00	not available	650.124.1224	1987-07-13	ST_CLERK	NULL	120	50	inactive	NULL	NULL
127	James	Landry	2400.00	not available	650.124.1334	1987-07-14	ST_CLERK	NULL	120	50	inactive	NULL	NULL

employees 102 X

24. Write a query to display employees where the DEPARTMENT_ID is equal to 60 and the MANAGER_ID is greater than 102.

721 • select * from employees where DEPARTMENT_ID=60 and MANAGER_ID>=102;

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
▶	103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
	104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
	105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL
	106	Valli	Pataballa	4800.00	not available	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL
	107	Diana	Lorentz	4200.00	not available	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

employees 103 x

25. Write a query to display employees where DEPARTMENT_ID is 100 and SALARY is greater than 10000.

725 • select * from employees where DEPARTMENT_ID=100 and salary>=10000;

726

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
▶	108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

26. Write a query to display departments where the DEPARTMENT_ID is not in (60, 70, 80).

728 • select * from departments where DEPARTMENT_ID not in (60, 70, 80);

729

730

731

	DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
▶	10	Administration	200	1700
	20	Marketing	201	1800
	30	Purchasing	114	1700
	40	Human Resources	203	2400
	50	Shipping	121	1500
	90	Executive	100	1700

27. Write a query to display job titles where the minimum salary is not less than 5000.

```
731 • select job_title from jobs where MIN_SALARY>=5000;
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
job_title				
▶	President			
	Administration Vice President			
	Finance Manager			
	Accounting Manager			
	Sales Manager			
	Sales Representative			
jobs 109 ×				

28. Write a query to find employees whose department ID is not equal to 100 or 60.

```
734 • select * from employees where department_id not in(100,60);
```

Result Grid														Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus				
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL				
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL				
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL				
114	Den	Raphaelly	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL				
115	Alexander	Khoo	3100.00	not available	515.127.4562	1987-07-02	PU_CLERK	NULL	114	30	inactive	NULL	NULL				
116	Shelli	Baida	2900.00	not available	515.127.4563	1987-07-03	PU_CLERK	NULL	114	30	inactive	NULL	NULL				

29. Write a query to display employees where LAST_NAME ends with 'son'.

```
739 • select * from employees where LAST_NAME like '%son';
```

```
740
```

Result Grid														Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus				
130	Mozhe	Atkinson	2800.00	not available	650.124.6234	1987-07-17	ST_CLERK	NULL	121	50	inactive	NULL	NULL				
132	TJ	Olson	2100.00	not available	650.124.8234	1987-07-19	ST_CLERK	NULL	121	50	inactive	NULL	NULL				
179	Charles	Johnson	6200.00	not available	011.44.1644.429262	1987-09-04	SA REP	NULL	149	80	inactive	NULL	NULL				
*																	

30. Write a query to display employees with FIRST_NAME starting with 'J' using the LIKE operator.

```
744 • select * from employees where First_NAME like 'J%';
```

745

Result Grid													
		Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:					
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
125	Julia	Nayer	3200.00	not available	650.124.1214	1987-07-12	ST_CLERK	NULL	120	50	inactive	NULL	NULL
127	James	Landry	2400.00	not available	650.124.1334	1987-07-14	ST_CLERK	NULL	120	50	inactive	NULL	NULL
131	James	Marlow	2500.00	not available	650.124.7234	1987-07-18	ST_CLERK	NULL	121	50	inactive	NULL	NULL
133	Jason	Mallin	3300.00	not available	650.127.1934	1987-07-20	ST_CLERK	NULL	122	50	inactive	NULL	NULL

employees 111 x

31. Write a query to display employees where SALARY is greater than 8000 and DEPARTMENT_ID is 90.

```
747 • select * from employees where SALARY>=8000 and DEPARTMENT_ID=90;
```

748

Result Grid													
		Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:					
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

employees 112 x

32. Write a query to display jobs where the MIN_SALARY is less than 5000 or MAX_SALARY is greater than 20000.

```
774 • select * from jobs where MIN_SALARY<5000 and MAX_SALARY>20000;
```

775

Result Grid				
		Filter Rows:		Edit:
JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY	
*	NULL	NULL	NULL	

33. Write a query to display employees where the DEPARTMENT_ID is equal to 60 and the MANAGER_ID is greater than 102.

```
754 • select * from employees where DEPARTMENT_ID=60 and MANAGER_ID>=102;
```

755

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL
106	Valli	Pataballa	4800.00	not available	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL
107	Diana	Lorentz	4200.00	not available	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

employees 114 x

34. Write a query to display employees where DEPARTMENT_ID is 100 and SALARY is greater than 10000.

```
758 • select * from employees where DEPARTMENT_ID=100 and salary>10000;
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

35. Write a query to display departments where the DEPARTMENT_ID is not in (60, 70, 80).

```
762 • select * from departments where DEPARTMENT_ID not in(60,70,80);
```

763

DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
10	Administration	200	1700
20	Marketing	201	1800
30	Purchasing	114	1700
40	Human Resources	203	2400
50	Shipping	121	1500
90	Executive	100	1700

Departments 117 ~

36. Write a query to display job titles where the minimum salary is not less than 5000.

```
765 • select job_title from jobs where MIN_SALARY>5000;
```

job_title
President
Administration Vice President
Finance Manager
Accounting Manager
Sales Manager
Sales Representative
Purchasing Manager
Stock Manager
Marketing Manager

37. Write a query to find employees whose department ID is not equal to 100 or 60.

```
768 • select * from employees where DEPARTMENT_ID not in(100,60);
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL
115	Alexander	Khoo	3100.00	not available	515.127.4562	1987-07-02	PU_CLERK	NULL	114	30	inactive	NULL	NULL
116	Shelli	Baida	2900.00	not available	515.127.4563	1987-07-03	PU_CLERK	NULL	114	30	inactive	NULL	NULL
117	Sigal	Tobias	2800.00	not available	515.127.4564	1987-07-04	PU_CLERK	NULL	114	30	inactive	NULL	NULL
118	Guy	Himuro	2600.00	not available	515.127.4565	1987-07-05	PU_CLERK	NULL	114	30	inactive	NULL	NULL
119	Karen	Colmenares	2500.00	not available	515.127.4566	1987-07-06	PU_CLERK	NULL	114	30	inactive	NULL	NULL
120	Matthew	Weiss	8000.00	not available	650.123.1234	1987-07-07	ST_MAN	NULL	100	50	inactive	NULL	NULL
121	Adam	Fripp	8200.00	not available	650.123.2234	1987-07-08	ST_MAN	NULL	100	50	inactive	NULL	NULL
122	Payam	Kaufling	7900.00	not available	650.123.3234	1987-07-09	ST_MAN	NULL	100	50	inactive	NULL	NULL
123	Shanta	Vollman	6500.00	not available	650.123.4234	1987-07-10	ST_MAN	NULL	100	50	inactive	NULL	NULL
124	Kevin	Mourgos	5800.00	not available	650.123.5234	1987-07-11	ST_MAN	NULL	100	50	inactive	NULL	NULL
125	Julia	Nayer	3200.00	not available	650.124.1214	1987-07-12	ST_CLERK	NULL	120	50	inactive	NULL	NULL

38. Write a query to display employees where LAST_NAME ends with 'son'.

```
739 • select * from employees where LAST_NAME like '%son';
```

740

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
130	Mozhe	Atkinson	2800.00	not available	650.124.6234	1987-07-17	ST_CLERK	NULL	121	50	inactive	NULL	NULL
132	TJ	Olson	2100.00	not available	650.124.8234	1987-07-19	ST_CLERK	NULL	121	50	inactive	NULL	NULL
179	Charles	Johnson	6200.00	not available	011.44.1644.42926	1987-09-04	SA_REP	NULL	149	80	inactive	NULL	NULL
• NULL	HULL	HULL	NULL	NULL	NULL	NULL	HULL	NULL	HULL	HULL	NULL	NULL	NULL

employees 110 x

39. Write a query to display employees with FIRST_NAME starting with 'J' using the LIKE operator.

```
744 • select * from employees where First_Name like 'J%';
```

745

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
125	Julia	Nayer	3200.00	not available	650.124.1214	1987-07-12	ST_CLERK	NULL	120	50	inactive	NULL	NULL
127	James	Landry	2400.00	not available	650.124.1334	1987-07-14	ST_CLERK	NULL	120	50	inactive	NULL	NULL
131	James	Marlow	2500.00	not available	650.124.7234	1987-07-18	ST_CLERK	NULL	121	50	inactive	NULL	NULL
133	Jason	Mallin	3300.00	not available	650.127.1934	1987-07-20	ST_CLERK	NULL	122	50	inactive	NULL	NULL

employees 111 x

40. Write a query to display employees where SALARY is greater than 8000 and DEPARTMENT_ID is 90.

```
779 •   select * from employees where salary>=8000 and DEPARTMENT_ID=90;  
780  
781
```

41. Write a query to display jobs where the MIN_SALARY is less than 5000 or MAX_SALARY is greater than 20000.

```
776     select * from jobs where MIN_SALARY<5000 or MAX_SALARY>20000;  
777
```

Result Grid			
Filter Rows:		Edit:	
		Export/Import:	
JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY
AD_PRES	President	20000	40000
AD_VP	Administration Vice President	15000	30000
AD_ASST	Administration Assistant	3000	6000
FI_ACCOUNT	Accountant	4200	9000
AC_ACCOUNT	Public Accountant	4200	9000
PU_CLERK	Purchasing Clerk	2500	5500
ST_CLERK	Stock Clerk	2000	5000
SH_CLERK	Shipping Clerk	2500	5500
IT_PROG	Programmer	4000	10000
MK_REP	Marketing Representative	4000	9000
HR_REP	Human Resources Representa...	4000	9000
PR_REP	Public Relations Representa...	4500	10500
HULL	HULL	HULL	HULL

42. Write a query to display employees where SALARY is greater than 6000 and DEPARTMENT ID is either 50 or 60.

```
783 •     select * from employees where salary>6000 and DEPARTMENT_ID in(50,60);  
784
```

43. Write a query to display countries where COUNTRY_NAME starts with 'C' and REGION_ID is greater than 1.

```
789 • select * from countries where COUNTRY_NAME like 'C%' and REGION_ID > 1;
```

Result Grid			
	COUNTRY_ID	COUNTRY_NAME	REGION_ID
▶	C0006	China	1012

44. Write a query to display employees where FIRST_NAME contains 'an' and SALARY is greater than 4000.

```
792 • select * from employees where FIRST_NAME like '%an%' and SALARY > 4000;
```

Result Grid													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	SALARY	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	STATUS	AGE	CHECK_BONUS
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
107	Diana	Lorentz	4200.00	not available	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
123	Shanta	Vollman	6500.00	not available	650.123.4234	1987-07-10	ST_MAN	NULL	100	50	inactive	NULL	NULL
154	Nanette	Cambrault	7500.00	not available	011.44.1344.987668	1987-08-10	SA_REP	NULL	145	80	inactive	NULL	NULL
156	Janette	King	10000.00	not available	011.44.1345.429268	1987-08-12	SA_REP	NULL	146	80	inactive	NULL	NULL
158	Allan	McEwen	9000.00	not available	011.44.1345.829268	1987-08-14	SA_REP	NULL	146	80	inactive	NULL	NULL
163	Danielle	Greene	9500.00	not available	011.44.1346.229268	1987-08-19	SA_REP	NULL	147	80	inactive	NULL	NULL
184	Nandita	Sarchand	4200.00	not available	650.509.1876	1987-09-09	SH_CLERK	NULL	121	50	inactive	NULL	NULL
203	Susan	Mavris	8125.00	not available	515.123.7777	1987-09-28	HR REP	NULL	101	40	inactive	NULL	NULL
204	Hermann	Baer	10000.00	not available	515.123.8888	1987-09-29	PR REP	NULL	101	70	inactive	NULL	NULL
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

45. Write a query to display departments where the location is either 1700 or 1800 using the IN operator.

```
796 • select * from departments where location_id in(1700,1800);
```

Result Grid			
DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
10	Administration	200	1700
20	Marketing	201	1800
30	Purchasing	114	1700
90	Executive	100	1700
100	Finance	108	1700
110	Accounting	205	1700
120	Treasury	0	1700
130	Corporate Tax	0	1700
140	Control And Credit	0	1700
150	Shareholder Services	0	1700
160	Benefits	0	1700
170	Manufacturing	0	1700
180	Construction	0	1700
190	Contracting	0	1700
200	Operations	0	1700

Departments 120 ~

46. Write a query to display employees where FIRST_NAME starts with 'A' and LAST_NAME contains 'son'.

```
799 • select * from employees where FIRST_NAME like 'A%' and LAST_NAME like '%son';
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
1	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

47. Write a query to display employees where SALARY is greater than 5000 or DEPARTMENT_ID is 100.

```
802 • select * from employees where SALARY>=5000 or DEPARTMENT_ID=100;
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
111	Ismail	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
113	Luis	Popp	6900.00	not available	515.124.4567	1987-06-30	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL
120	Matthew	Weiss	8000.00	not available	650.123.1234	1987-07-07	ST_MAN	NULL	100	50	inactive	NULL	NULL
121	Adam	Fripp	8200.00	not available	650.123.2234	1987-07-08	ST_MAN	NULL	100	50	inactive	NULL	NULL
122	Payam	Kaufling	7900.00	not available	650.123.3234	1987-07-09	ST_MAN	NULL	100	50	inactive	NULL	NULL

48. Write a query to display countries where COUNTRY_NAME does not start with 'A' and REGION_ID is greater than 1.

```
804 • use InsertCommand;
```

```
805 • select * from countries where COUNTRY_NAME like 'A%' and REGION_ID>1;
```

COUNTRY_ID	COUNTRY_NAME	REGION_ID
C0004	Austria	1009

49. Write a query to find employees who work in departments with DEPARTMENT_ID greater than 50 and earn more than 7000.

808 • select * from employees where DEPARTMENT_ID>50 and salary>7000;

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
111	Ismael	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
145	John	Russell	14000.00	not available	011.44.1344.429268	1987-08-01	SA_MAN	NULL	100	80	inactive	NULL	NULL
146	Karen	Partners	13500.00	not available	011.44.1344.467268	1987-08-02	SA_MAN	NULL	100	80	inactive	NULL	NULL
147	Alberto	Errazuriz	12000.00	not available	011.44.1344.429278	1987-08-03	SA_MAN	NULL	100	80	inactive	NULL	NULL
148	Gerald	Cambrault	11000.00	not available	011.44.1344.619268	1987-08-04	SA_MAN	NULL	100	80	inactive	NULL	NULL
149	Eleni	Zlotkey	10500.00	not available	011.44.1344.429018	1987-08-05	SA_MAN	NULL	100	80	inactive	NULL	NULL
150	Peter	Tucker	10000.00	not available	011.44.1344.129268	1987-08-06	SA REP	NULL	145	80	inactive	NULL	NULL

50. Write a query to display employees whose salary is either greater than 10,000 or less than 3,000.

811 • select * from employees where salary>10000 or salary<3000;

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL
116	Shelli	Baida	2900.00	not available	515.127.4563	1987-07-03	PU_CLERK	NULL	114	30	inactive	NULL	NULL
117	Sigal	Tobias	2800.00	not available	515.127.4564	1987-07-04	PU_CLERK	NULL	114	30	inactive	NULL	NULL
118	Guy	Himuro	2600.00	not available	515.127.4565	1987-07-05	PU_CLERK	NULL	114	30	inactive	NULL	NULL
119	Karen	Colmenares	2500.00	not available	515.127.4566	1987-07-06	PU_CLERK	NULL	114	30	inactive	NULL	NULL
126	Irene	Mikkilineni	2700.00	not available	650.124.1224	1987-07-13	ST_CLERK	NULL	120	50	inactive	NULL	NULL
127	James	Landry	2400.00	not available	650.124.1334	1987-07-14	ST_CLERK	NULL	120	50	inactive	NULL	NULL
128	Steven	Makle	2200.00	not available	650.124.1434	1987-07-15	ST_CLERK	NULL	120	50	inactive	NULL	NULL
130	Mozhe	Atkinson	2800.00	not available	650.124.6234	1987-07-17	ST_CLERK	NULL	121	50	inactive	NULL	NULL
131	James	Marlow	2500.00	not available	650.124.7234	1987-07-18	ST_CLERK	NULL	121	50	inactive	NULL	NULL
132	TJ	Olson	2100.00	not available	650.124.8234	1987-07-19	ST_CLERK	NULL	121	50	inactive	NULL	NULL

51. Write a query to display employees whose salary is greater than 6000 and COMMISSION_PCT is null or less than 0.2.

816 • select * from employees where salary>6000 and COMMISSION_PCT is null or COMMISSION_PCT<0.2;

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:													
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
111	Ismael	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
113	Luis	Popp	6900.00	not available	515.124.4567	1987-06-30	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL
120	Matthew	Weiss	8000.00	not available	650.123.1234	1987-07-07	ST_MAN	NULL	100	50	inactive	NULL	NULL
121	Adam	Fripp	8200.00	not available	650.123.2234	1987-07-08	ST_MAN	NULL	100	50	inactive	NULL	NULL
122	Payam	Kaufling	7900.00	not available	650.123.3234	1987-07-09	ST_MAN	NULL	100	50	inactive	NULL	NULL
123	Shanta	Vollman	6500.00	not available	650.123.4234	1987-07-10	ST_MAN	NULL	100	50	inactive	NULL	NULL

52. Write a query to display employees whose hire date is within the last 10 years.

```
819 • select * from employees where year(hire_date) between 1977 and 1987;
```

820

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL
106	Valli	Pataballa	4800.00	not available	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL
107	Diana	Lorentz	4200.00	not available	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
111	Ismail	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
113	Luis	Popp	6900.00	not available	515.124.4567	1987-06-30	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL

53. Write a query to display employees who either belong to department 50 or have a salary greater than the average salary of their department.

```
824 • select * from employees where department_id=50 or salary>(select avg(salary) from employees where department_id=50);
```

825

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL
106	Valli	Pataballa	4800.00	not available	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL
107	Diana	Lorentz	4200.00	not available	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
111	Ismail	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
113	Luis	Popp	6900.00	not available	515.124.4567	1987-06-30	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL

54. Write a query to find all countries where the REGION_ID is greater than 2 but not equal to 4.

```
828 • select * from countries where REGION_ID>2 and REGION_ID<>4;
```

829

COUNTRY_ID	COUNTRY_NAME	REGION_ID
C0001	India	1001
C0002	USA	1007
C0003	UK	1003
C0004	Austria	1009
C0006	China	1012

55. Write a query to display all employees where SALARY is not in the range of 5000 to 10000.

```
831 • select * from employees where salary not between 5000 and 10000;
```

832

Result Grid														
Edit: Export/Import: Wrap Cell Content:														
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus	
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL	
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL	
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL	
105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL	
106	Valli	Pataballa	4800.00	not available	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL	
107	Diana	Lorentz	4200.00	not available	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL	
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL	
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL	
115	Alexander	Khoo	3100.00	not available	515.127.4562	1987-07-02	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
116	Shelli	Baida	2900.00	not available	515.127.4563	1987-07-03	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
117	Sigal	Tobias	2800.00	not available	515.127.4564	1987-07-04	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
118	Guy	Himuro	2600.00	not available	515.127.4565	1987-07-05	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
119	Karen	Colmenares	2500.00	not available	515.127.4566	1987-07-06	PU_CLERK	NULL	114	30	inactive	NULL	NULL	
125	Julia	Nayer	3200.00	not available	650.124.1214	1987-07-12	ST_CLERK	NULL	120	50	inactive	NULL	NULL	
126	Irene	Mikkilineni	2700.00	not available	650.124.1224	1987-07-13	ST_CLERK	NULL	120	50	inactive	NULL	NULL	

employees 146 x

56. Write a query to display employees whose HIRE_DATE is not between '1995-01-01' and '2005-12-31'.

```
834 • select * from employees where hire_date not between '1995-01-01' and '2005-12-31';
```

835

Result Grid														
Edit: Export/Import: Wrap Cell Content:														
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus	
100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL	
101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL	
102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL	
103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL	
104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL	
105	David	Austin	4800.00	not available	590.423.4569	1987-06-22	IT_PROG	NULL	103	60	inactive	NULL	NULL	
106	Valli	Pataballa	4800.00	not available	590.423.4560	1987-06-23	IT_PROG	NULL	103	60	inactive	NULL	NULL	
107	Diana	Lorentz	4200.00	not available	590.423.5567	1987-06-24	IT_PROG	NULL	103	60	inactive	NULL	NULL	
108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL	
109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL	
110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL	
111	Ismail	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL	
112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL	
113	Luis	Popp	6900.00	not available	515.124.4567	1987-06-30	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL	
114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL	

employees 148 x

57. Write a query to display employees who earn a salary greater than 5000 but are not in department 50

838 • select * from employees where salary>5000 and department id<>50;

Result Grid														
	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
▶	100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
	101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
	102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
	103	Alexander	Hunold	9000.00	not available	590.423.4567	1987-06-20	IT_PROG	NULL	102	60	inactive	NULL	NULL
	104	Bruce	Ernst	6000.00	not available	590.423.4568	1987-06-21	IT_PROG	NULL	103	60	inactive	NULL	NULL
	108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
	109	Daniel	Faviet	9000.00	not available	515.124.4169	1987-06-26	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
	110	John	Chen	8200.00	not available	515.124.4269	1987-06-27	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
	111	Ismael	Sciarra	7700.00	not available	515.124.4369	1987-06-28	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
	112	Jose Manuel	Urman	7800.00	not available	515.124.4469	1987-06-29	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
	113	Luis	Popp	6900.00	not available	515.124.4567	1987-06-30	FI_ACCOUNT	NULL	108	100	inactive	NULL	NULL
	114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL
	145	John	Russell	14000.00	not available	011.44.1344.42...	1987-08-01	SA_MAN	NULL	100	80	inactive	NULL	NULL
	146	Karen	Partners	13500.00	not available	011.44.1344.46...	1987-08-02	SA_MAN	NULL	100	80	inactive	NULL	NULL
	147	Alberto	Errazuriz	12000.00	not available	011.44.1344.42...	1987-08-03	SA_MAN	NULL	100	80	inactive	NULL	NULL

employees 149 ×

58. Write a query to display employees whose salary is either greater than 10,000 or less than 3,000 but not equal to 7,000

841 • select * from employees where salary>10000 or salary<3000 and salary<>7000;

Result Grid														
	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
▶	100	Steven	King	27600.00	not available	515.123.4567	1987-06-17	AD_PRES	NULL	0	90	inactive	NULL	NULL
	101	Neena	Kochhar	19550.00	not available	515.123.4568	1987-06-18	AD_VP	NULL	100	90	inactive	NULL	NULL
	102	Lex	De Haan	19550.00	not available	515.123.4569	1987-06-19	AD_VP	NULL	100	90	inactive	NULL	NULL
	108	Nancy	Greenberg	12000.00	not available	515.124.4569	1987-06-25	FI_MGR	NULL	101	100	inactive	NULL	NULL
	114	Den	Raphaely	11000.00	not available	515.127.4561	1987-07-01	PU_MAN	NULL	100	30	inactive	NULL	NULL
	116	Shelli	Baida	2900.00	not available	515.127.4563	1987-07-03	PU_CLERK	NULL	114	30	inactive	NULL	NULL
	117	Sigal	Tobias	2800.00	not available	515.127.4564	1987-07-04	PU_CLERK	NULL	114	30	inactive	NULL	NULL
	118	Guy	Himuro	2600.00	not available	515.127.4565	1987-07-05	PU_CLERK	NULL	114	30	inactive	NULL	NULL
	119	Karen	Colmenares	2500.00	not available	515.127.4566	1987-07-06	PU_CLERK	NULL	114	30	inactive	NULL	NULL
	126	Irene	Mikkilineni	2700.00	not available	650.124.1224	1987-07-13	ST_CLERK	NULL	120	50	inactive	NULL	NULL
	127	James	Landry	2400.00	not available	650.124.1334	1987-07-14	ST_CLERK	NULL	120	50	inactive	NULL	NULL
	128	Steven	Markle	2200.00	not available	650.124.1434	1987-07-15	ST_CLERK	NULL	120	50	inactive	NULL	NULL
	130	Mozhe	Atkinson	2800.00	not available	650.124.6234	1987-07-17	ST_CLERK	NULL	121	50	inactive	NULL	NULL
	131	James	Marlow	2500.00	not available	650.124.7234	1987-07-18	ST_CLERK	NULL	121	50	inactive	NULL	NULL
	132	TJ	Olson	2100.00	not available	650.124.8234	1987-07-19	ST_CLERK	NULL	121	50	inactive	NULL	NULL

employees 150 ×

59. Write a query to display job titles where the minimum salary is greater than 5000 or the maximum salary is less than 15,000.

```
844 • select job_title from jobs where min_salary>5000 or max_salary<15000;
```

845

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	job_title			
▶	President			
	Administration Vice President			
	Administration Assistant			
	Finance Manager			
	Accountant			
	Accounting Manager			
	Public Accountant			
	Sales Manager			
	Sales Representative			
	Purchasing Manager			
	Purchasing Clerk			
	Stock Manager			
	Stock Clerk			
	Shipping Clerk			
	Programmer			

60. Write a query to find jobs where the minimum salary is at least half of the maximum salary.

```
850 • select * from jobs where min_salary<=(max_salary*50/100);
```

Result Grid		Filter Rows:	Edit:	Export/Import:	Wrap Cell Content
	JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY	
▶	AD_PRES	President	20000	40000	
	AD_VP	Administration Vice President	15000	30000	
	AD_ASST	Administration Assistant	3000	6000	
	FI_ACCOUNT	Accountant	4200	9000	
	AC_ACCOUNT	Public Accountant	4200	9000	
	SA_MAN	Sales Manager	10000	20000	
	SA_REP	Sales Representative	6000	12000	
	PU_CLERK	Purchasing Clerk	2500	5500	
	ST_CLERK	Stock Clerk	2000	5000	
	SH_CLERK	Shipping Clerk	2500	5500	
	IT_PROG	Programmer	4000	10000	
	MK_REP	Marketing Representative	4000	9000	
	HR_REP	Human Resources Representa...	4000	9000	
	PR_REP	Public Relations Representa...	4500	10500	
*	NULL	NULL	NULL	NULL	

61. Write a query to display employees who were hired after '1990-01-01' and have a MANAGER_ID greater than 100.

```
853 • select * from employees where hire_date >'1990-01-01' and manager_id>100;  
854
```

Result Grid														
*	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

62. Write a query to display employees where SALARY is greater than 10000 and the JOB_ID is either 'IT_PROG' or 'ST_CLERK'.

```
858 • select * from employees where salary>10000 and job_id='IT_PROG' or job_id='ST_CLERK';
```

Result Grid														
*	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	salary	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	commission_pct	MANAGER_ID	DEPARTMENT_ID	status	age	check_bonus
▶	125	Julia	Nayer	3200.00	not available	650.124.1214	1987-07-12	ST_CLERK	NULL	120	50	inactive	NULL	NULL
	126	Irene	Mikkilineni	2700.00	not available	650.124.1224	1987-07-13	ST_CLERK	NULL	120	50	inactive	NULL	NULL
	127	James	Landry	2400.00	not available	650.124.1334	1987-07-14	ST_CLERK	NULL	120	50	inactive	NULL	NULL
	128	Steven	Markle	2200.00	not available	650.124.1434	1987-07-15	ST_CLERK	NULL	120	50	inactive	NULL	NULL
	129	Laura	Bisot	3300.00	not available	650.124.5234	1987-07-16	ST_CLERK	NULL	121	50	inactive	NULL	NULL
	130	Mozhe	Atkinson	2800.00	not available	650.124.6234	1987-07-17	ST_CLERK	NULL	121	50	inactive	NULL	NULL
	131	James	Marlow	2500.00	not available	650.124.7234	1987-07-18	ST_CLERK	NULL	121	50	inactive	NULL	NULL
	132	TJ	Olson	2100.00	not available	650.124.8234	1987-07-19	ST_CLERK	NULL	121	50	inactive	NULL	NULL
	133	Jason	Mallin	3300.00	not available	650.127.1934	1987-07-20	ST_CLERK	NULL	122	50	inactive	NULL	NULL
	134	Michael	Rogers	2900.00	not available	650.127.1834	1987-07-21	ST_CLERK	NULL	122	50	inactive	NULL	NULL
	135	Ki	Gee	2400.00	not available	650.127.1734	1987-07-22	ST_CLERK	NULL	122	50	inactive	NULL	NULL
	136	Hazel	Philtanker	2200.00	not available	650.127.1634	1987-07-23	ST_CLERK	NULL	122	50	inactive	NULL	NULL
	137	Renske	Ladwig	3600.00	not available	650.121.1234	1987-07-24	ST_CLERK	NULL	123	50	inactive	NULL	NULL
	138	Stephen	Stiles	3200.00	not available	650.121.2034	1987-07-25	ST_CLERK	NULL	123	50	inactive	NULL	NULL
	139	John	Seo	2700.00	not available	650.121.2019	1987-07-26	ST_CLERK	NULL	123	50	inactive	NULL	NULL