

C03_queries02 - Queries for EMPLOYEESDB with the tables DEPARTMENTS and EMPLOYEES (continuation).

Do the following queries:

15. Select from the EMPLOYEE table those rows whose SURNAME starts with 'C' and the occupation has an 'E' in any position.

```
1 • * FROM C03.EMPLOYEES where surname like "C%" and occupation like "%E%";
```

num	surname	name	occupation	manager	begin_date	salary	commission	dept_num
7900	COLLINS	CLIFTON	EMPLOYEE	8001	1991-12-03	13350	NULL	30
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

16. Select employees whose salary is between 10000 and 20000.

```
1 • SELECT * FROM C03.EMPLOYEES where salary between 10000 and 20000;
```

num	surname	name	occupation	manager	begin_date	salary	commission	dept_num
7499	DERN	BRUCE	SALESMAN	7698	1990-02-20	15000	390	30
7521	ROBINSON	SARAH	SALESMAN	7782	1991-02-22	16250	650	30
7654	HERRIMAN	DAMON	SALESMAN	7698	1991-09-29	16000	1020	30
7844	DUNHAM	LENA	SALESMAN	7698	1991-09-08	13500	0	30
7876	RITTEN	REBECCA	EMPLOYEE	7788	1991-09-23	14300	NULL	20
7900	COLLINS	CLIFTON	EMPLOYEE	8001	1991-12-03	13350	NULL	30
7934	HARRIS	DANIELLE	EMPLOYEE	8001	1992-01-23	16900	NULL	10
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

17. Obtain the employees whose occupation is 'SALESMAN' and have a commission exceeding 1000.

```
1 • SELECT * FROM C03.EMPLOYEES where occupation="SALESMAN" and commission>1000;
```

Result Grid								
Filter Rows: <input type="text"/> Edit: Export/Import: Wrap Cell Content:								
num	surname	name	occupation	manager	begin_date	salary	commission	dept_num
7654	HERRIMAN	DAMON	SALESMAN	7698	1991-09-29	16000	1020	30
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

18. Number and surnames of the employees whose surname ends with 'S' and have a salary higher than 30000.

```
1 SELECT num, surname FROM C03.EMPLOYEES where surname like "%S" and salary>30000;
```

Result Grid		Filter Rows: <input type="text"/> Edit: Export/Import: Wrap Cell Content:						
num	surname							
7934	HARRIS							
NULL	NULL							

19. Data of the departments whose name starts with 'A' and ends with 'G'.

```
1 • SELECT * FROM C03.DEPARTMENTS where name like "A%G";
```

Result Grid		Filter Rows: <input type="text"/> Edit: Export/Import:						
num	name							
10	ACCOUNTING							
NULL	NULL							

20. Show the surnames of the employees who do not have a commission (clue: is NULL).

```
1 SELECT surname FROM C03.EMPLOYEES where commission is NULL;
```

result Grid	Filter Rows:	Export:	Wrap Cell Content:
surname			
PITT			
REDLEAF			
DI CAPRIO			
BRONSON			
ROBBIE			
MADISON			
RITTEN			
COLLINS			
ROWLING			
HARRIS			
QUALLEY			
FANNING			

21. Show the surnames of the employees who do not have a commission and whose last name begins with 'H' (clue: is NULL).

```
1 SELECT surname FROM C03.EMPLOYEES where commission is NULL and surname like "H%";
```

result Grid	Filter Rows:	Export:	Wrap Cell Content:
surname			
HARRIS			

22. Show the surnames of the employees whose occupation is 'SALESMAN', 'MANAGER' or 'EMPLOYEE'.

```
1 SELECT surname FROM C03.EMPLOYEES where occupation in ("SALESMAN", "MANAGER", "EMPLOYEE");
```

result Grid	Filter Rows:	Export:	Wrap Cell Content:
surname			
REDLEAF			
DERN			
ROBINSON			
DI CAPRIO			
HERRIMAN			
BRONSON			
ROBBIE			
DUNHAM			
RITTEN			
COLLINS			
HARRIS			
QUALLEY			
FANNING			

23. Show the surnames of the employees whose occupation is neither "MANAGER" nor "EMPLOYEE", and also have a salary higher than 20000.

```
1 SELECT surname FROM C03.EMPLOYEES where not occupation in ("MANAGER","EMPLOYEE") and salary>20000;
```

result Grid

Filter Rows:

Export:

Wrap Cell Content:

surname

PITT

MADISON

ROWLING

24. Select the surname, salary and department number of employees whose salary is greater than 20000 in departments 10 or 30.

```
1 SELECT surname, salary, dept_num FROM C03.EMPLOYEES where salary>20000 and dept_num in (10, 30);
```

result Grid

Filter Rows:

Export:

Wrap Cell Content:

surname	salary	dept_num
ROBBIE	28850	10
HARRIS	30001	10
BRONSON	30050	30

25. Show the surname and number of employees whose salary is not between 10000 and 20000.

```
1 SELECT surname, num FROM C03.EMPLOYEES where not salary between 10000 and 20000;
```

result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

surname	num
PITT	1000
REDLEAF	7369
DI CAPRIO	7566
BRONSON	7698
ROBBIE	7782
MADISON	7788
ROWLING	7902
HARRIS	7934
QUALLEY	8000
FANNING	8001
NULL	NULL