

Práctica SQL 12c

1. BETWEEN-IN

- Averiguar los empleados que están entre el departamento 40 y el 60
- Visualizar los empleados que entraron entre 2002 y 2004
- Indica los apellidos de los empleados que empiezan desde 'D' hasta 'G';
- Averiguar los empleados de los departamentos 30,60 y 90. Hay que usar la cláusula IN
- Averiguar los empleados que tienen el tipo de trabajo IT_PROG y PU_CLERK.
- Indica las ciudades que están en Inglaterra (UK) y Japón (JP).. Tabla LOCATIONS

SOLUCIONES

- Averiguar los empleados que están entre el departamento 40 y el 60;

```
SELECT * FROM EMPLOYEES WHERE DEPARTMENT_ID BETWEEN 40 AND 60;
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY
198	Donald	OConnell	DOCONNEL	650.507.9833	21/06/07	SH_CLERK	2600
199	Douglas	Grant	DGRANT	650.507.9844	13/01/08	SH_CLERK	2600
203	Susan	Mavris	SMAVRIS	515.123.7777	07/06/02	HR_REP	6500
103	Alexander	Hunold	AHUNOLD	590.423.4567	03/01/06	IT_PROG	9000
104	Bruce	Ernst	BERNST	590.423.4568	21/05/07	IT_PROG	6000
105	David	Austin	DAUSTIN	590.423.4569	25/06/05	IT_PROG	4800
106	Valli	Pataballa	VPATABAL	590.423.4560	05/02/06	IT_PROG	4800
107	Diana	Lorentz	DLORENTZ	590.423.5567	07/02/07	IT_PROG	4200
120	Matthew	Weiss	MWEISS	650.123.1234	18/07/04	ST_MAN	8000
121	Adam	Fripp	AFRIPP	650.123.2234	10/04/05	ST_MAN	8200

- Visualizar los empleados que entraron entre 2002 y 2004

```
SELECT * FROM EMPLOYEES WHERE HIRE_DATE BETWEEN '01-01-02' AND '31-12-04';
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
200	Jennifer	Whalen	JWHALEN	515.123.4444	17/09/03	AD_ASST	4400	(null)	101	10
201	Michael	Hartstein	MHARTSTE	515.123.5555	17/02/04	MK_MAN	13000	(null)	100	20
203	Susan	Mavris	SMAVRIS	515.123.7777	07/06/02	HR_REP	6500	(null)	101	40
204	Hermann	Baer	HBAER	515.123.8888	07/06/02	PR_REP	10000	(null)	101	70
205	Shelley	Higgins	SHIGGINS	515.123.8080	07/06/02	AC_MGR	12008	(null)	101	110
206	William	Gietz	WGIEZT	515.123.8181	07/06/02	AC_ACCOUNT	8300	(null)	205	110
100	Steven	King	SKING	515.123.4567	17/06/03	AD_PRES	24000	(null)	(null)	90
108	Nancy	Greenberg	NGREENBE	515.124.4569	17/08/02	FI_MGR	12008	(null)	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	16/08/02	FI_ACCOUNT	9000	(null)	108	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	07/12/02	PU_MAN	11000	(null)	100	30
115	Alexander	Khoo	AKHOO	515.127.4562	18/05/03	PU_CLERK	3100	(null)	114	30
120	Matthew	Weiss	MWEISS	650.123.1234	18/07/04	ST_MAN	8000	(null)	100	50

- Indica los apellidos de los empleados que empiezan desde 'D' hasta 'G';

```
SELECT LAST_NAME FROM EMPLOYEES WHERE LAST_NAME BETWEEN 'D' AND 'H';
```

LAST_NAME
1 Davies
2 De Haan
3 Dellinger
4 Dilly
5 Doran
6 Ernst
7 Errazuriz
8 Everett
9 Faviet
10 Fay
11 Feeney
12 Fleaur
13 Fox
14 Fripp

- Averiguar los empleados de los departamentos 30,60 y 90. Hay que usar la cláusula IN

```
SELECT * FROM EMPLOYEES WHERE DEPARTMENT_ID IN(30,60,90);
```

EE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
114	Den	Raphaely	DRAPHEAL	515.127.4561	07/12/02	PU_MAN	11000	(null)	100	30
115	Alexander	Khoo	AKHOO	515.127.4562	18/05/03	PU_CLERK	3100	(null)	114	30
116	Shelli	Baida	SBAIDA	515.127.4563	24/12/05	PU_CLERK	2900	(null)	114	30
117	Sigal	Tobias	STOBIAS	515.127.4564	24/07/05	PU_CLERK	2800	(null)	114	30
118	Guy	Himuro	GHIMURO	515.127.4565	15/11/06	PU_CLERK	2600	(null)	114	30
119	Karen	Colmenares	KCOLMENA	515.127.4566	10/08/07	PU_CLERK	2500	(null)	114	30
103	Alexander	Hunold	AHUNOLD	590.423.4567	03/01/06	IT_PROG	9000	(null)	102	60
104	Bruce	Ernst	BERNST	590.423.4568	21/05/07	IT_PROG	6000	(null)	103	60
105	David	Austin	DAUSTIN	590.423.4569	25/06/05	IT_PROG	4800	(null)	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	05/02/06	IT_PROG	4800	(null)	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	07/02/07	IT_PROG	4200	(null)	103	60
100	Steven	King	SKING	515.123.4567	17/06/03	AD_PRES	24000	(null)	(null)	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	21/09/05	AD_VP	17000	(null)	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	13/01/01	AD_VP	17000	(null)	100	90

- Averiguar los empleados que tienen el tipo de trabajo IT_PROG y PU_CLERK.

```
SELECT * FROM EMPLOYEES WHERE JOB_ID IN ('IT_PROG','PU_CLERK');
```

YEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID
103	Alexander	Hunold	AHUNOLD	590.423.4567	03/01/06	IT_PROG
104	Bruce	Ernst	BERNST	590.423.4568	21/05/07	IT_PROG
105	David	Austin	DAUSTIN	590.423.4569	25/06/05	IT_PROG
106	Valli	Pataballa	VPATABAL	590.423.4560	05/02/06	IT_PROG
107	Diana	Lorentz	DLORENTZ	590.423.5567	07/02/07	IT_PROG
115	Alexander	Khoo	AKHOO	515.127.4562	18/05/03	PU_CLERK
116	Shelli	Baida	SBAIDA	515.127.4563	24/12/05	PU_CLERK
117	Sigal	Tobias	STOBIAS	515.127.4564	24/07/05	PU_CLERK
118	Guy	Himuro	GHIMURO	515.127.4565	15/11/06	PU_CLERK
119	Karen	Colmenares	KCOLMENA	515.127.4566	10/08/07	PU_CLERK

- Indica las ciudades que están en Inglaterra (UK) y Japón (JP). Tabla LOCATIONS

```
SELECT CITY,COUNTRY_ID FROM LOCATIONS WHERE COUNTRY_ID IN('UK','JP');
```

CITY	COUNTRY_ID
1 Tokyo	JP
2 Hiroshima	JP
3 London	UK
4 Oxford	UK
5 Stretford	UK

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