

INSTRUCCIONES:

REPRODUCIR LOS EJEMPLOS DE LOS QUERIES ILUSTRADOS EN EL MANUAL “Sqlavz04OK” (LÁMINAS 01 A 08) UTILIZANDO LAS TABLAS

- ✓ IBMUSER.EMP
- ✓ IBMUSER.DEPT

Y CAPTURANDO PARA CADA CASO 2 PANTALLAS:

- ✓ PANTALLA CON LA CODIFICACIÓN DEL QUERY.
- ✓ PANTALLA CON LA SALIDA DE LA EJECUCIÓN DEL QUERY (INCLUYENDO POSIBLES PANTALLAS DE ERROR).

1. SUBSELECT

```
000001
000002 SELECT LASTNAME
000003 FROM IBMUSER.EMP
000004 WHERE WORKDEPT IN
000005     (SELECT WORKDEPT
000006      FROM IBMUSER.DEPT
000007      WHERE DEPTNAME = 'ACCOUNTS');
000008
```

L LASTNAME *	L LASTNAME *	L LASTNAME *
-----	-----	-----
HAAS	WALKER	PAUL
THOMPSON	BROWN	KUMAR
KWAN	JONES	HEMMINGER
GEYER	LUTZ	ORLANDO
STERN	JEFFERSON	NATZ
PULASKI	MARINO	YAMAMOTO
HENDERSON	SMITH	JOHN
SPENSER	JOHNSON	MONTEVERDE
LUCCHESI	PEREZ	SCHWARTZ
O'CONNELL	SCHNEIDER	WONG
QUINTANA	PARKER	
NICHOLLS	SMITH	
ADAMSON	SETRIGHT	
PIANKA	MEHTA	
YOSHIMURA	LEE	
SCOUTTEN	GOUNOT	

1.1. SUBSELECT

```
000001
000002 SELECT DISTINCT MIDINIT
000003 FROM IBMUSER.EMP
000004 WHERE EMPNO IN
000005     (SELECT EMPNO
000006      FROM IBMUSER.EMP
000007      WHERE WORKDEPT = 'E21');
000008
```

```
L MIDINIT
*
- - - - -
I
Q
R
V
Z
```

1.2 SUBSELECT

```
000001
000002 SELECT DISTINCT FIRSTNME
000003 FROM IBMUSER.EMP
000004 WHERE JOB IN
000005     (SELECT JOB
000006      FROM IBMUSER.EMP
000007      WHERE JOB = 'DESIGNER');
000008
```

```
L FIRSTNME
*
- - - - -
BRUCE
DAVID
ELIZABETH
JAMES
JENNIFER
KIYOSHI
MARILYN
MASATOSHI
SOURAV
WILLIAM
*****
```

2. EQUIVALENCIA SUBSELECT Y JOIN

2.1. SUBSELECT

```
000001
000002 SELECT DISTINCT EMP1.LASTNAME, EMP1.WORKDEPT
000003 FROM IBMUSER.EMP EMP1
000004 WHERE EMP1.WORKDEPT IN
000005     (SELECT EMP2.WORKDEPT
000006      FROM IBMUSER.EMP EMP2
000007      WHERE EMP2.WORKDEPT = 'A00');
000008
```

L	LASTNAME	WORKDEPT
*		*

	HEMMINGER	A00
	KUMAR	A00
	LUCCHESI	A00
	O'CONNELL	A00
	ORLANDO	A00
	PAUL	A00

2.2. JOIN

```
000001
000002 SELECT DISTINCT EMP1.LASTNAME, EMP1.WORKDEPT
000003 FROM IBMUSER.EMP EMP1, IBMUSER.EMP EMP2
000004 WHERE EMP1.WORKDEPT=EMP2.WORKDEPT
000005 AND EMP1.WORKDEPT = 'A00';
000006
```

L	LASTNAME	WORKDEPT
*		*

	HEMMINGER	A00
	KUMAR	A00
	LUCCHESI	A00
	O'CONNELL	A00
	ORLANDO	A00
	PAUL	A00

3. SUBSELECT CON COMPARADORES LÓGICOS

```
000001
000002 SELECT LASTNAME
000003 FROM IBMUSER.EMP
000004 WHERE SALARY >
000005     (SELECT MAX(SALARY)
000006     FROM IBMUSER.EMP
000007     WHERE WORKDEPT = 'E21');
000008
```

```
L LASTNAME
*
- - - - -
KWAN
QUINTANA
NICHOLLS
NATZ
*****
```

3.1. SUBSELECT CON COMPARADORES LÓGICOS

```
000001
000002 SELECT LASTNAME, JOB, WORKDEPT
000003 FROM IBMUSER.EMP
000004 WHERE SALARY >=
000005     (SELECT MAX(SALARY)
000006     FROM IBMUSER.EMP
000007     WHERE WORKDEPT = 'A00');
000008
```

```
L LASTNAME JOB WORKDEPT
* * *
- - - - -
HAAS PRES E21
KWAN MANAGER C01
QUINTANA ANALYST C01
NICHOLLS ANALYST C01
KUMAR TECHNICI A00
NATZ ANALYST C01
*****
```