

INSTRUCCIONES:

REPRODUCIR LOS EJEMPLOS DE LOS QUERIES ILUSTRADOS EN EL MANUAL “SQLBAS06 OK” (TODAS LAS LÁMINAS) 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).

```
SELECT FIRSTNME,  
LENGTH(FIRSTNME),  
  
LASTNAME,  
LENGTH(LASTNAME)  
FROM IBMUSER.EMP;
```

DB2 Admin Browse Result of SQL Select

L	FIRSTNME	COL0001	LASTNAME	COL0002
*		*	*	*
---	---	---	---	---
	EMMA	4	HAAS	4
	MICHAEL	7	THOMPSON	8
	SALLY	5	KWAN	4
	JOHN	4	GEYER	5
	IRVING	6	STERN	5
	KIVA	4	PULASKI	7
	EILEEN	6	HENDERSON	9
	THEODORE	8	SPENSER	7
	VINCENZO	8	LUCCHESI	8
	SEAN	4	O'CONNELL	9
	DOLORES	7	QUINTANA	8
	HEATHER	7	NICHOLLS	8
	BRUCE	5	ADAMSON	7
	ELIZABETH	9	PIANKA	6
	MASATOSHI	9	YOSHIMURA	9
	MARILYN	7	SCOUTTEN	8

Command ==>

```
SELECT FIRSTNME || '-' || JOB  
FROM IBMUSER.EMP;
```

L COL0001

*

EMMA-PRES
MICHAEL-MANAGER
SALLY-MANAGER
JOHN-MANAGER
IRVING-MANAGER
KIVA-MANAGER
EILEEN-MANAGER
THEODORE-MANAGER
VINCENZO-SALESREP
SEAN-CLERK
DOLORES-ANALYST
HEATHER-ANALYST
BRUCE-DESIGNER
ELIZABETH-DESIGNER
MASATOSHI-DESIGNER
MARILYN-DESIGNER

```
SELECT FIRSTNME CONCAT '-' JOB
FROM IBMUSER.EMP;
```

```
L  JOB
  ★
-  -----
EMMA-
MICHAEL-
SALLY-
JOHN-
IRVING-
KIVA-
EILEEN-
THEODORE-
VINCENZO-
SEAN-
DOLORES-
HEATHER-
BRUCE-
ELIZABETH-
MASATOSHI-
MARILYN-
```

```
SELECT
FIRSTNME,SUBSTR(LAS
TNAME,1,4)
FROM IBMUSER.EMP;
```

```
L  FIRSTNME      COL0001
  ★              ★
-  -----
EMMA      HAAS
MICHAEL    THOM
SALLY      KWAN
JOHN       GEYE
IRVING     STER
KIVA       PULA
EILEEN     HEND
THEODORE   SPEN
VINCENZO   LUCC
SEAN       O'CO
DOLORES    QUIN
HEATHER    NICH
BRUCE      ADAM
ELIZABETH  PIAN
MASATOSHI  YOSH
MARILYN    SCOU
```

```
SELECT DISTINCT FIRSTNME || '-' ||
SUBSTR(WORKDEPT,1,3)
FROM IBMUSER.EMP;
```

```
L  COL0001
  *
-  - - - - - - - - - -
BRUCE-D11
DANIEL-D21
DAVID-D11
DIAN-A00
DOLORES-C01
EILEEN-E11
ELIZABETH-D11
EMMA-E21
ETHEL-E11
GREG-A00
HEATHER-C01
HELENA-E21
IRVING-D11
JAMES-D11
JAMES-D21
JASON-E21
```

```
SELECT DECIMAL (AVG(SALARY),7,2)
FROM IBMUSER.EMP;
```

```
L  COL0001
  *
-  - - - - - - - - - -
51936.71
*****
```

```
SELECT
INTEGER(AVG(SALARY))
FROM IBMUSER.EMP
WHERE SEX='F';
```

```
L  COL0001
  *
-  - - - - - - - - - -
81081
*****
```

```
SELECT DEPTNAME, VALUE  
(MGRNO, 'DESCONOCIDO')  
  
FROM IBMUSER.DEPT;
```

```
L  DEPTNAME                                COL0001  
*                                     *  
-----  
@@                                000010  
@@                                000020  
@@                                000030  
MAINFRAME                        000060  
FINANCE                          000060  
FINANCE                          000070  
ACCOUNTS                         000050  
HR                               000090  
HR                               000100  
MAINFRAME                        DESCONOCIDO  
ACCOUNTS                         DESCONOCIDO  
ACCOUNTS                         DESCONOCIDO  
ACCOUNTS                         DESCONOCIDO  
ACCOUNTS                         000010  
ACCOUNTS                         DESCONOCIDO
```

Command: F5