## P7:STRINGS



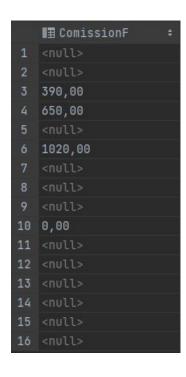
1. Concat the name and surname of the employees using the separador '' using the function CONCAT_WS.	3
2. Format employees' commission with format ##,## (you must check MariaDB docs, not only the slides).	, 3
3. Return the position of the first A in the employees' surname.	4
4. Return the position of the second A in the employees' surname. Clue: Check IF function and use nested functions SUBSTRING and INSTR.	4
5. Return the full name of the employees with the next format:	5
6. Select all the full names of the databases but changing 'IO' for 'IOTE'. If you do thi using string function in a SELECT clause you don't change the data stored in the database	s 5
7. Update all the names like Antonio or Antonia with Tonio or Tonia. You must use UPDATE and the function REPLACE.	6
8. Show the surnames of the employees with an underscore after the second char.	6
9. Write the first char of the surnames and the first char of the surnames in ASCII code.	7
10. Show the full name of the employees but ensuring that there won't be white spaces before and/or after the name and/or surname.	7

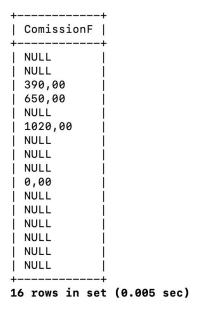
1. Concat the name and surname of the employees using the separador '' using the function CONCAT\_WS.



2. Format employees' commission with format ##,## (you must check MariaDB docs, not only the slides...).

SELECT format(commission,2,'es\_ES') as ComissionF FROM EMPLOYEES;





3. Return the position of the first A in the employees' surname.





+	
surname	FirstA
PITT	
SÁNCHEZ	i 2 i
ARROYO	i 1 i
SALA	2
JIMÉNEZ	j 0 j
MARTÍN	2
GOMIS	j 0 j
CEREZO	0
GILBERTO	0
TOVAR	4
ALONSO	1
JIMENO	0
FERNÁNDEZ	5
MUÑOZ	0
BANDERAS	2
RUIZ	0
+	++
16 rows in set (	0.001 sec)

4. Return the position of the second A in the employees' surname. Clue: Check <u>IF function</u> and use nested functions SUBSTRING and INSTR.

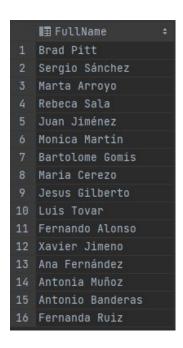
```
SELECT surname, if ( instr(substring(surname,
instr(surname, 'a')+1), 'a')=0, 0,
   instr(surname, 'a')+instr(substring(surname,
instr(surname, 'a')+1), 'a')
) as SecondA FROM EMPLOYEES;
```

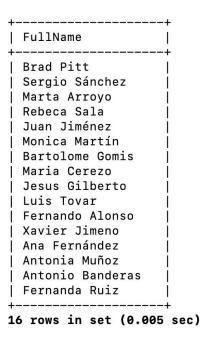


+	+
surname	SecondA
PITT	+ I 0
I SÁNCHEZ	1 0
I ARROYO	
I SALA	1 4
JIMÉNEZ	
I MARTÍN	i e
GOMIS	i ø
I CEREZO	i ø
GILBERTO	i ø
TOVAR	0
ALONSO	i 0
JIMENO	i 0
FERNÁNDEZ	j 0
MUÑOZ	j 0
BANDERAS	j 7
RUIZ	j 0
+	+
16 rows in set (	0.003 sec)

5. Return the full name of the employees with the next format:

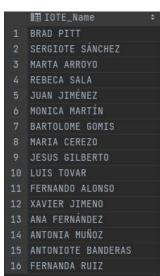
```
SELECT concat_ws('
',concat(left(name,1),lower(substring(name,2,length(name)))),conca
t(left(surname,1),lower(substring(surname,2,length(surname))))) as
FullName
FROM EMPLOYEES;
```

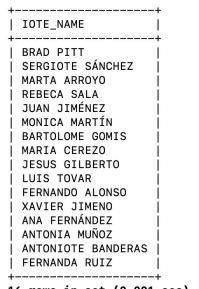




6. Select all the full names of the databases but changing 'IO' for 'IOTE'. If you do this using string function in a SELECT clause you don't change the data stored in the database...





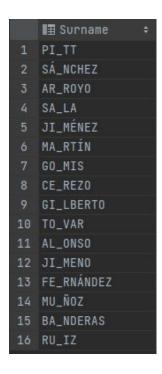


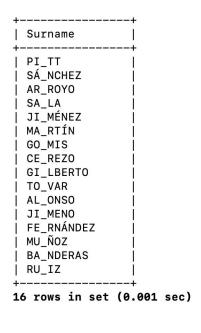
16 rows in set (0.001 sec)

7. Update all the names like Antonio or Antonia with Tonio or Tonia. You must use UPDATE and the function REPLACE.

8. Show the surnames of the employees with an underscore after the second char.

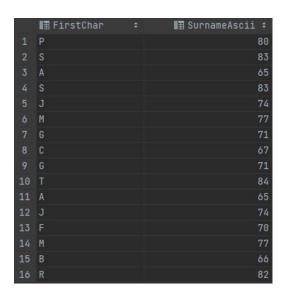
```
SELECT
concat_ws('_',substring(surname,1,2),substring(surname,3,length(surname))) as Surname FROM EMPLOYEES;
```





9. Write the first char of the surnames and the first char of the surnames in ASCII code.

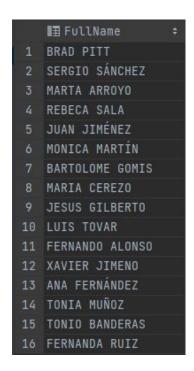
SELECT left(surname,1) as FirstChar, ascii(left(surname,1)) as
SurnameAscii FROM EMPLOYEES;

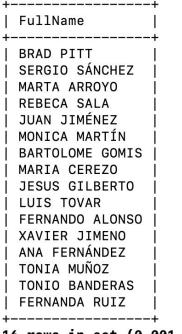


+	++
FirstChar	SurnameASCII
+   Р	l 80 l
İS	83
j A	65
j s	83
J	74
M	77
G	71
C	67
G	71
T	84
A	65
J	74
F	70
M	77
B	66
R	82
16 rows in s	et (0.001 sec)

10. Show the full name of the employees but ensuring that there won't be white spaces before and/or after the name and/or surname.

SELECT concat\_ws(' ',trim(name),trim(surname)) as FullName FROM
EMPLOYEES;





16 rows in set (0.001 sec)