## **Set-7) MySQL String Functions**

1. Write a MySQL query to get the job\_id and related employee's id.

<u>SELECT</u> job\_id,<u>GROUP\_CONCAT</u>(employee\_id, ' ') AS 'Employees ID' FROM employees GROUP BY job\_id;



2. Write a MySQL query to update the portion of the phone\_number in the employees table, within the phone number the substring '124' will be replaced by '999'.

<u>UPDATE</u> employees <u>SET</u> phone\_number = <u>REPLACE</u>(phone\_number, '124', '999')WHERE phone\_number LIKE '%124%';

3. Write a <u>MySQL</u> query to get the details of the employees where the length of the first name greater than or equal to 8.

SELECT \* FROM employees WHERE LENGTH(first\_name) >= 8;



4. Write a MySQL query to display leading zeros before maximum and minimum salary.

<u>SELECT</u> job\_id, LPAD(max\_salary, 7, '0') AS ' Max Salary',LPAD(min\_salary, 7, '0') AS ' Min Salary'FROM jobs;



5. Write a MySQL query to append '@example.com' to email field.

<u>UPDATE</u> employees <u>SET</u> email = CONCAT(email, '@example.com');

6. Write a MySQL query to get the employee id, first name and hire month.

SELECT employee\_id, first\_name, MID(hire\_date, 6, 2) as hire\_month FROM employees;



7. Write a MySQL query to get the employee id, email id (discard the last three characters).

SELECT employee id, REVERSE(SUBSTR(REVERSE(email), 4)) as Email ID FROM employees;



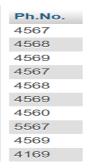
8. Write a MySQL query to find all employees where first names are in upper case.

<u>SELECT</u> \* FROM employees WHERE first\_name = <u>BINARY</u> UPPER(first\_name);



9. Write a MySQL query to extract the last 4 character of phone numbers.

SELECT RIGHT(phone number, 4) as 'Ph.No.'FROM employees;



10. Write a MySQL query to get the last word of the street address.

<u>SELECT</u> location\_id, street\_address,SUBSTRING\_INDEX(<u>REPLACE(REPLACE(REPLACE(street\_address,',','),'),','),',','),',',','), AS 'Last--word-of street\_address' FROM locations;</u>

location_id	street_address	Lastword-of street_address
1000	1297 Via Cola di Rie	Rie
1100	93091 Calle della Testa	Testa
1200	2017 Shinjuku-ku	Shinjuku-ku
1300	9450 Kamiya-cho	Kamiya-cho
1400	2014 Jabberwocky Rd	Rd
1500	2011 Interiors Blvd	Blvd
1600	2007 Zagora St	St
1700	2004 Charade Rd	Rd

11. Write a MySQL query to get the locations that have minimum street length.

SELECT \* FROM locations WHERE LENGTH(street\_address) <= ( SELECT MIN(LENGTH(street\_address))
FROM locations);</pre>



12. Write a MySQL query to display the first word from those job titles which contains more than one words.

SELECT job\_title, SUBSTR(job\_title, 1, INSTR(job\_title, ' ') - 1)FROM jobs;



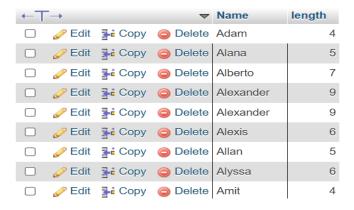
13. Write a MySQL query to display the first name and last name for employees where first occurrence of last name contain character 'c' after 2nd position.

SELECT first\_name, last\_name FROM employees WHERE INSTR(last\_name,'C') > 2;



14. Write a <u>MySQL</u> query that displays the first name and the length of the first name for all employees whose name starts with the letters 'A', 'J' or 'M'. Give each column an appropriate label. Sort the results by the employees' first names.

<u>SELECT</u> first\_name "Name", LENGTH(first\_name)"length" FROM employees WHERE first\_name <u>LIKE</u> 'J %' <u>OR</u> first\_name <u>LIKE</u> 'M%' <u>OR</u> first\_name <u>LIKE</u> 'A%' ORDER BY first\_name;



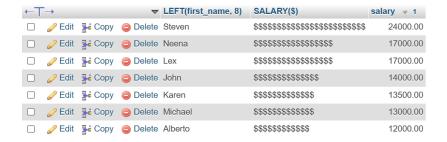
15. Write a MySQL query to display the first name and salary for all employees. Format the salary to be 10 characters long, left-padded with the \$ symbol. Label the column SALARY.

<u>SELECT</u> first\_name, LPAD(salary, 10, '\$') SALARY FROM employees;



16. Write a MySQL query to display the first eight characters of the employees' first names and indicates the amounts of their salaries with '\$' sign. Each '\$' sign signifies a thousand dollars. Sort the data in descending order of salary.

<u>SELECT LEFT(first\_name, 8), REPEAT('\$', FLOOR(salary/1000)) 'SALARY(\$)', salary FROM employees O RDER BY salary DESC;</u>



17. Write a MySQL query to display the employees with their code, first name, last name and hire date who hired either on seventh day of any month or seventh month in any year.

<u>SELECT</u> employee\_id,first\_name, last\_name, hire\_date FROM employees WHERE POSITION("07" <u>IN</u> D ATE\_FORMAT(hire\_date, '%d %m %Y')) > 0;

