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

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

SELECT job\_id, GROUP\_CONCAT(employee\_id, ' ') 'Employees ID' FROM employees GROUP BY job\_id;

1. **MySQL String Exercises: Write a query to update the portion of the phone\_number in the employees table**

Write a 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'.

1. **UPDATE** employees
2. **SET** phone\_number = REPLACE(phone\_number, '124', '999')
3. **WHERE** phone\_number LIKE '%124%';

# MySQL String Exercises: Write a query to get the details of the employees where the length of the first name greater than or equal to 8

Write a 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;

# MySQL String Exercises: Write a query to display leading zeros before maximum and minimum salary

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

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

# MySQL String Exercises: Write a query to append to email field

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

**UPDATE** employees **SET** email = CONCAT(email, '@example.com');

# MySQL String Exercises: Write a query to get the employee id, first name and hire month

Write a 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;

# MySQL String Exercises: Write a query to get the employee id, email id

Write a 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;

# MySQL String Exercises: Write a query to find all employees where first names are in upper case

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

SELECT \* FROM employees WHERE first\_name = BINARY UPPER(first\_name);

# MySQL String Exercises: Write a query to extract the last 4 character of phone numbers

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

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

# MySQL String Exercises: Write a query to get the last word of the street address

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

SELECT location\_id, street\_address, SUBSTRING\_INDEX(REPLACE(REPLACE(REPLACE(street\_address,',',' '),')',' '),'(',' '),' ',-1) AS 'Last--word-of-street\_address' FROM locations;

# MySQL String Exercises: Write a query to get the locations that have minimum street length

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

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

# MySQL String Exercises: Display the first word from the job titles which contains more than one words

Write a 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;

# MySQL String Exercises: Write a query to display the length of first name for employees where last name contain character 'c' after 2nd position

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

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

# MySQL String Exercises: Write a query that displays the first name starts with specific letters

Write a 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.

SELECT first\_name "Name", LENGTH(first\_name) "Length" FROM employees WHERE first\_name LIKE 'J%' OR first\_name LIKE 'M%' OR first\_name LIKE 'A%' ORDER BY first\_name ;

# MySQL String Exercises: Write a query to display the first name and salary for all employees.

Write a 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.

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

# MySQL String Exercises: Write a query to display the first eight characters of the employees.

Write a 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.

SELECT left(first\_name, 8), REPEAT('$', FLOOR(salary/1000)) 'SALARY($)', salary FROM employees ORDER BY salary DESC;

# MySQL String Exercises: Write a query to get the details of employees who hired either on a specific day or in same month between 1 to 12.

Write a 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.

SELECT employee\_id,first\_name,last\_name,hire\_date FROM employees WHERE POSITION('07' IN DATE\_FORMAT(hire\_date, '%d %m %Y'))>0;