Setting environment for using XAMPP for Windows.

Geeta@WINDOWS-5K3SPQO c:\xampp

# mysql -u root

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 8

Server version: 10.4.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database drgeetam;

Query OK, 1 row affected (0.007 sec)

MariaDB [(none)]> use drgeetam;

Database changed

MariaDB [drgeetam]> CREATE TABLE employees (

-> emp\_id INT PRIMARY KEY AUTO\_INCREMENT,

-> first\_name VARCHAR(50) NOT NULL,

-> last\_name VARCHAR(50) NOT NULL,

-> department VARCHAR(50) NOT NULL,

-> salary DECIMAL(10,2) CHECK (salary > 0),

-> hire\_date DATE NOT NULL

-> );

Query OK, 0 rows affected (0.027 sec)

MariaDB [drgeetam]> INSERT INTO employees (first\_name, last\_name, department, salary, hire\_date) VALUES

-> ('John', 'Smith', 'IT', 60000, '2021-01-10'),

-> ('Alice', 'Brown', 'HR', 50000, '2020-05-12'),

-> ('David', 'Wilson', 'IT', 70000, '2022-09-20'),

-> ('Sophia', 'Taylor', 'Finance', 80000, '2021-03-25'),

-> ('Michael', 'Anderson', 'Finance', 75000, '2019-07-18'),

-> ('Emma', 'Davis', 'HR', 55000, '2022-01-14');

Query OK, 6 rows affected (0.044 sec)

Records: 6 Duplicates: 0 Warnings: 0

MariaDB [drgeetam]> Commit;

Query OK, 0 rows affected (0.002 sec)

MariaDB [drgeetam]> DELIMITER //

MariaDB [drgeetam]> CREATE PROCEDURE get\_all\_employeee()

-> begin

-> select \* from employees;

-> end //

Query OK, 0 rows affected (0.038 sec)

MariaDB [drgeetam]> delimiter ;

MariaDB [drgeetam]> call get\_all\_employeee();

+--------+------------+-----------+------------+----------+------------+

| emp\_id | first\_name | last\_name | department | salary | hire\_date |

+--------+------------+-----------+------------+----------+------------+

| 1 | John | Smith | IT | 60000.00 | 2021-01-10 |

| 2 | Alice | Brown | HR | 50000.00 | 2020-05-12 |

| 3 | David | Wilson | IT | 70000.00 | 2022-09-20 |

| 4 | Sophia | Taylor | Finance | 80000.00 | 2021-03-25 |

| 5 | Michael | Anderson | Finance | 75000.00 | 2019-07-18 |

| 6 | Emma | Davis | HR | 55000.00 | 2022-01-14 |

+--------+------------+-----------+------------+----------+------------+

6 rows in set (0.013 sec)

Query OK, 0 rows affected (0.046 sec)

MariaDB [drgeetam]> delimiter //

MariaDB [drgeetam]> create procedure get\_emp\_by\_dname(IN p\_dept\_name varchar(20))

-> begin

-> select \* from employees where department = p\_dept\_name;

-> end //

Query OK, 0 rows affected (0.016 sec)

MariaDB [drgeetam]>

MariaDB [drgeetam]> delimiter ;

MariaDB [drgeetam]> call get\_emp\_by\_dname('IT');

+--------+------------+-----------+------------+----------+------------+

| emp\_id | first\_name | last\_name | department | salary | hire\_date |

+--------+------------+-----------+------------+----------+------------+

| 1 | John | Smith | IT | 60000.00 | 2021-01-10 |

| 3 | David | Wilson | IT | 70000.00 | 2022-09-20 |

+--------+------------+-----------+------------+----------+------------+

2 rows in set (0.013 sec)

Query OK, 0 rows affected (0.026 sec)

MariaDB [drgeetam]> DELIMITER //

MariaDB [drgeetam]> CREATE PROCEDURE GET\_EMP\_BY\_FNAME(IN P\_FIRST\_NAME VARCHAR(20))

-> BEGIN

-> SELECT \* FROM EMPLOYEES WHERE FIRST\_NAME LIKE P\_FIRST\_NAME;

-> END //

Query OK, 0 rows affected (0.014 sec)

MariaDB [drgeetam]> DELIMITER ;

MariaDB [drgeetam]> CALL GET\_EMP\_BY\_FNAME('J%');

+--------+------------+-----------+------------+----------+------------+

| emp\_id | first\_name | last\_name | department | salary | hire\_date |

+--------+------------+-----------+------------+----------+------------+

| 1 | John | Smith | IT | 60000.00 | 2021-01-10 |

+--------+------------+-----------+------------+----------+------------+

1 row in set (0.005 sec)

Query OK, 0 rows affected (0.016 sec)

MariaDB [drgeetam]>