

# NAME : SHARATH CHANDRA

## BATCH: DATA ENGINEERING

## TOPIC : STORED PROCEDURES

```
mysql> use pet_adoption;
Database changed
mysql> CREATE TABLE ExampleTable (
  ->   ID INT PRIMARY KEY,
  ->   Name VARCHAR(50),
  ->   Age INT,
  ->   City VARCHAR(50)
  -> );
Query OK, 0 rows affected (0.02 sec)

mysql>
mysql> INSERT INTO ExampleTable (ID, Name, Age, City) VALUES
  -> (1, 'John', 25, 'New York'),
  -> (2, 'Alice', 30, 'Los Angeles'),
  -> (3, 'Bob', 22, null),
  -> (4, 'Alice', 30, 'Chicago'),
  -> (5, 'Mary', null, 'Boston'),
  -> (6, 'John', 25, 'Miami'),
  -> (7, null, 28, 'San Francisco'),
  -> (8, 'Bob', 22, null),
  -> (9, 'Alice', 30, 'Los Angeles'),
  -> (10, 'Mary', null, null);
Query OK, 10 rows affected (0.01 sec)
Records: 10  Duplicates: 0  Warnings: 0

mysql> DELIMITER //
mysql>
mysql> /**Create a basic stored procedure for ExampleTable in MySQL format***/
mysql> CREATE PROCEDURE SelectRecordsByAge(IN pAge INT)
  -> BEGIN
  ->   SELECT *
  ->   FROM ExampleTable
  ->   WHERE Age = pAge;
  -> END //
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> DELIMITER ;
mysql> CALL SelectRecordsByAge(25);
+----+-----+-----+-----+
| ID | Name | Age | City |
+----+-----+-----+-----+
|  1 | John |  25 | New York |
|  6 | John |  25 | Miami |
+----+-----+-----+-----+
2 rows in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)
```