

Third Year B. Tech (EL & CE)

Semester: V Subject: Data Base Management System

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Roll No: 52 Batch: A3

Experiment No: 09

Name of the Experiment: SQL commands

Performed on: 30/11/2023

Submitted on: 30/11/2023

Problem Statement:

SQL Triggers and Cursors

Code:

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EX MYSQL Bill Commonse Unite Clear

The MySQL B
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```
vSQL 8.0 Command Line Client
   -> FOR EACH ROW
    -> BEGIN
 ery OK, 0 rows affected (0.00 sec)
ysql> DELIMITER;
ysql> INSERT INTO books VALUES (3, '1984', 'George Orwell', 10, 10);
uery OK, 1 row affected (0.00 sec)
ysql> DELIMITER //
## Sq1 > DELIMITER //
-> BEGIN
-> DEGIN
-> DECLARE done INT DEFAULT 0;
-> DECLARE bookTitle VARCHAR(255);
-> DECLARE bookAuthor VARCHAR(255);
-> DECLARE toolRooks INT;
-> DECLARE availableBooks INT;
           DECLARE cur CURSOR FOR SELECT title, author, total_books, available_books FROM books; DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;
           read_loop: LOOP
   FETCH cur INTO bookTitle, bookAuthor, totalBooks, availableBooks;
   IF done THEN
        LEAVE read_loop;
   END IF;
                -- Display book information
SELECT CONCAT('Title: ', bookTitle, ', Author: ', bookAuthor, ', Total Books: ', totalBooks, ', Available Books: ', availableBooks) AS BookInfo;
 -> //
ery OK, 0 rows affected (0.00 sec)
 Title: The Great Gatsby, Author: F. Scott Fitzgerald, Total Books: 5, Available Books: 5
 row in set (0.00 sec)
     03:57 PM
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