## A PRACTICALS LAB REPORT

Submitted in the partial fulfilment for the Course of

## **CSA0516** Database Management Systems for Network Security

to the award of the degree of

## **BACHELOR OF ENGINEERING**

IN

# ARTIFICIAL INTELLIGENCE AND MEACHINE LEARNING

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# **SIMATS ENGINEERING**

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**Chennai-602105** 

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## DDL Commands – CREATE, ALTER, DROP

Field	Туре	Null	Key	Default 	Extra			
RegNo Name Gender DOB MobileNo City	int varchar(50) varchar(15) date varchar(15) varchar(15)	NO YES YES YES YES YES	PRI	NULL NULL NULL NULL NULL				
6 rows in set (0.01 sec)  mysql> ALTER TABLE STUDENT ADD Email VARCHAR(50); Query OK, 0 rows affected (0.04 sec) Records: 0 Duplicates: 0 Warnings: 0  mysql> DESC STUDENT;								
+	<u> </u>	   Null	   Кеу	Default	+   Extra			
Gender   DOB   MobileNo	int varchar(50) varchar(15) date varchar(15) varchar(15) varchar(50)	NO YES YES YES YES YES YES	PRI	NULL NULL NULL NULL NULL NULL NULL				
7 rows in set (0.00 sec)  mysql> ALTER TABLE STUDENT DROP COLUMN City; Query OK, 0 rows affected (0.01 sec) Records: 0 Duplicates: 0 Warnings: 0  mysql> DESC STUDENT;								
Field	Туре	Null	Key	Default	Extra			
RegNo Name Gender DOB MobileNo Email	int varchar(50) varchar(15) date varchar(15) varchar(50)	NO YES YES YES YES YES	PRI	NULL NULL NULL NULL NULL				
6 rows in set (0.00 sec)								

### DDL Commands with Constraints - PRIMARY, FOREIGN

## KEY, UNIQUE, CHECK

```
lave an error in your syll syntax; check the
 RegNo INT PRIMARY KEY
    Name VARCHAR(50) NOT NULL,
    Gender VARCHAR(15), at line 1
mysql> ALTER TABLE STUDENT
    -> ADD CONSTRAINT pk_student PRIMARY KEY (RegNo);
ERROR 1068 (42000): Multiple primary key defined
mysql> ALTER TABLE STUDENT
    -> ADD CONSTRAINT uq_mobile UNIQUE (MobileNo);
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> ALTER TABLE STUDENT
    -> ADD CONSTRAINT chk_gender CHECK (Gender IN ('Male', 'Female'));
Query OK, 4 rows affected (0.06 sec)
Records: 4 Duplicates: 0 Warnings: 0
mysql> DESC STUDENT;
 Field
            Type
                           Null | Key | Default | Extra
 RegNo
             int
                           NO
                                  PRI
                                        NULL
             varchar(50)
                           YES
                                        NULL
 Name
             varchar(15)
  Gender
                           YES
                                         NULL
  DOB
                                         NULL
             date
                           YES
  MobileNo
             varchar(15)
                           YES
                                  UNI
                                         NULL
  Email
             varchar(50)
                           YES
                                         NULL
6 rows in set (0.00 sec)
```

## DML Commands – INSERT, SELECT, UPDATE, DELETE

```
mysql> SELECT * FROM STUDENT;
 RegNo | Name
                        Gender
                                 DOB
                                               MobileNo
                                                            Email
    101
        Amit Kumar
                         Male
                                  2002-05-14
                                               9876543210
                                                            NULL
          Priya Sharma
                                  2003-08-21
                                               9876501234
                                                            NULL
    102
                         Female
          Rahul Verma
                                  2001-12-03
    103
                         Male
                                               9876512345
                                                            NULL
    104 | Neha Singh
                         Female
                                  2002-02-18
                                               9876523456
                                                            NULL
4 rows in set (0.00 sec)
mysgl> SELECT * FROM STUDENT WHERE Gender = 'Female';
 RegNo
                         Gender
                                 DOB
                                               MobileNo
                                                            Email
          Name
          Priya Sharma
                         Female
                                  2003-08-21
                                               9876501234
                                                            NULL
    102
                         Female
                                               9876523456
                                                            NULL
    104
        Neha Singh
                                  2002-02-18
2 rows in set (0.00 sec)
```

# SELECT with various clause – WHERE, pattern matching

mysql> SELECT * FROM STUDENT;									
RegNo   Name	Gender	DOB	MobileNo	Email					
101   Amit Kumar   102   Priya Sharma   103   Rahul Verma	Female	2003-08-21	9876501234	NULL					
3 rows in set (0.00 sec)									
mysql> SELECT * FROM STUDENT WHERE DOB > '2002-05-14';									
RegNo   Name	Gender	DOB	MobileNo	Email					
102   Priya Sharma	Female	 2003-08-21	   9876501234	NULL					
1 row in set (0.00 sec)									
mysql> SELECT * FROM STUDENT WHERE Name LIKE 'A%';									
RegNo   Name   Gender		оов і	MobileNo	Email					
101   Amit Kumar   Male		 2002-05-14	 9347773722	NULL					
1 row in set (0.00 sec)									

## SELECT with various clause - BETWEEN, IN, Aggregate

#### Function

```
mysql> SELECT * FROM STUDENT
    -> WHERE RegNo BETWEEN 101 AND 103;
 RegNo | Name
                         Gender
                                  DOB
                                               MobileNo
                                                           Email
         Amit Kumar
   101
                         Male
                                  2002-05-14
                                               9347773722
                                                            NULL
         Priya Sharma
   102
                         Female
                                  2003-08-21
                                               9876501234
                                                            NULL
   103 | Rahul Verma
                         Male
                                | 2001-12-03 |
                                               9876512345
                                                            NULL
3 rows in set (0.00 sec)
mysql> SELECT * FROM STUDENT
    -> WHERE RegNo IN (101, 103, 104);
 RegNo
                       Gender DOB
                                              MobileNo
                                                           Email
         Name
                                 2002-05-14
                                              9347773722
    101
         Amit Kumar
                        Male
                                                           NULL
   103
         Rahul Verma
                                 2001-12-03
                                              9876512345
                                                           NULL
                        Male
2 rows in set (0.00 sec)
mysql> SELECT Gender, COUNT(*) AS CountByGender
    -> FROM STUDENT
    -> GROUP BY Gender;
 Gender | CountByGender
 Male
                       2
 Female
                       1
2 rows in set (0.00 sec)
```

## SELECT with various clause – GROUP BY, HAVING, ORDERBY

```
nysql> SELECT Gender, COUNT(*) AS TotalStudents
   -> FROM STUDENT
   -> GROUP BY Gender
   -> HAVING COUNT(*) >= 2;
 Gender | TotalStudents
 Male
                       2 |
 row in set (0.00 sec)
mysql> SELECT * FROM STUDENT
   -> ORDER BY DOB DESC;
 RegNo | Name
                       | Gender | DOB
                                               MobileNo
                                                           | Email
         Priya Sharma
                                               9876501234
                                                             NULL
   102
                         Female
                                  2003-08-21
   101
         Amit Kumar
                         Male
                                  2002-05-14
                                               9347773722
                                                             NULL
   103 | Rahul Verma
                         Male
                                  2001-12-03
                                               9876512345
                                                             NULL
3 rows in set (0.00 sec)
nysql> SELECT Gender, COUNT(*) AS TotalStudents
   -> FROM STUDENT
   -> GROUP BY Gender;
         TotalStudents
 Gender
 Male
                       2
 Female
                       1
 rows in set (0.00 sec)
```

## SubQuery& Correlated Query

```
mysql> SELECT Name, Marks
    -> FROM STUDENT2
    -> WHERE Marks > (SELECT AVG(Marks) FROM STUDENT2);
        Marks
 Name
 Amit
            85
  Neha
            92
  Priya
            88
 Kiran
            95
4 rows in set (0.00 sec)
mysql> SELECT S1.Name, S1.City, S1.Marks
    -> FROM STUDENT2 S1
    -> WHERE Marks = (
          SELECT MAX(S2.Marks)
          FROM STUDENT2 S2
          WHERE S1.City = S2.City
    -> );
        City
                  Marks
 Name
        Delhi
  Amit
                      85
  Priya | Chennai
                      88
                      95 I
 Kiran | Mumbai
3 rows in set (0.00 sec)
```

## Joins – EquiJoin, InnerJoin, OuterJoin

```
mysql> SELECT STUDENT2.RegNo, STUDENT2.Name, COURSE.CourseName
    -> FROM STUDENT2, COURSE
    -> WHERE STUDENT2.RegNo = COURSE.RegNo;
 RegNo Name
                 CourseName
    101
         Amit
                  DBMS
                   ΑI
    102
         Neha
    103
         Raj
                   ML
    104
                   DBMS
         Priya
    106 | Simran | Networks
5 rows in set (0.00 sec)
mysql> SELECT S.RegNo, S.Name, C.CourseName
    -> FROM STUDENT2 S
    -> INNER JOIN COURSE C
    -> ON S.RegNo = C.RegNo;
 RegNo | Name
                 CourseName
    101
         Amit
                  DBMS
         Neha
                   ΑI
    102
    103
         Raj
                   ML
         Priya
                  DBMS
    104
    106
        Simran
                 Networks
5 rows in set (0.00 sec)
mysql> SELECT S.RegNo, S.Name, C.CourseName
   -> FROM STUDENT2 S
    -> LEFT JOIN COURSE C
    -> ON S.RegNo = C.RegNo;
 RegNo | Name
                 CourseName
         Amit
                  DBMS
    101
    102
         Neha
                  ΑI
    103
         Raj
                   ML
    104
                  DBMS
         Priva
    105
         Kiran
                  NULL
    106
        | Simran | Networks
6 rows in set (0.00 sec)
```

#### VIEW, INDEX, SEQUENCE

```
mysql> SELECT S.RegNo, S.Name, C.CourseName
    -> FROM STUDENT2 S
    -> INNER JOIN COURSE C
    -> ON S.RegNo = C.RegNo;
  RegNo | Name
                 CourseName
         Amit
                  DBMS
    101 l
                  ΑI
    102
         Neha
        Raj
    103
                   ML
    104
         Priya
                   DBMS
    106 | Simran
                  Networks
5 rows in set (0.00 sec)
mysql> SELECT S.RegNo, S.Name, C.CourseName
    -> FROM STUDENT2 S
    -> LEFT JOIN COURSE C
    -> ON S.RegNo = C.RegNo;
 RegNo | Name
                 CourseName
                  DBMS
    101 | Amit
    102
        Neha
                  ΑI
    103
         Raj
                  ML
    104 | Priya
                  DBMS
    105
         Kiran
                   NULL
    106 | Simran
                 Networks
6 rows in set (0.00 sec)
mysql> CREATE VIEW StudentView AS
    -> SELECT RegNo, Name, City, Marks
    -> FROM STUDENT2
    -> WHERE Marks > 80;
Query OK, 0 rows affected (0.01 sec)
mysql> SELECT * FROM StudentView;
                            Marks
                City
 RegNo Name
    101 | Amit
                 Delhi
                               85
         Neha
                  Mumbai
                               92
    102
    104 l
                               88
         Priva |
                 Chennai
    105
        | Kiran | Mumbai
                               95
```

Simple programming exercises using CASE, IF, ITERATE,

#### LEAVE, LOOP

```
mysql> CREATE TABLE STUDENT3 (
               RegNo INT AUTO_INCREMENT PRIMARY KEY,
      ->
               Name VARCHAR(50),
      ->
               Gender VARCHAR(10),
               DOB DATE,
MobileNo VARCHAR(15),
      ->
      ->
               City VARCHAR(30),
      ->
               Marks INT
      ->
      -> );
Query OK, 0 rows affected (0.02 sec)
mysql> INSERT INTO STUDENT3 (Name, Gender, DOB, MobileNo, City, Marks) VALUE
-> ('Amit', 'Male', '2002-05-10', '9876543210', 'Delhi', 85),
-> ('Neha', 'Female', '2003-01-15', '9876501234', 'Mumbai', 92),
-> ('Raj', 'Male', '2002-11-20', '9876512345', 'Delhi', 76);
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0
mysql> SELECT * FROM STUDENT3
      -> SELECT * FROM STUDENT3;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
ELECT * FROM STUDENT3' at line 2
mysql> SELECT * FROM STUDENT3;
   RegNo | Name | Gender | DOB
                                                      MobileNo
                                                                      City
                                                                                   Marks
                                                                                          85
         1
              Amit |
                       Male
                                     2002-05-10
                                                       9876543210
                                                                         Delhi
              Neha
                                                                                          92
         2
                       Female
                                    2003-01-15
                                                      9876501234
                                                                         Mumbai
         3
                                  2002-11-20
                                                      9876512345 |
                                                                        Delhi
                                                                                          76
           l Rai
                       Male
3 rows in set (0.00 sec)
```

Simple programming exercises using REPEAT, WHILE

```
mysql> SELECT Gender, COUNT(*) AS TotalStudents
   -> FROM STUDENT
   -> GROUP BY Gender
   -> HAVING COUNT(*) >= 2;
 Gender
          TotalStudents
 Male
                       2
 row in set (0.00 sec)
nysql> SELECT * FROM STUDENT
   -> ORDER BY DOB DESC;
                        Gender | DOB
 RegNo | Name
                                               MobileNo
                                                             Email
         Priya Sharma
                         Female
                                                             NULL
   102
                                  2003-08-21
                                               9876501234
   101
         Amit Kumar
                         Male
                                  2002-05-14
                                               9347773722
                                                             NULL
   103 | Rahul Verma
                         Male
                                  2001-12-03
                                               9876512345
                                                             NULL
 rows in set (0.00 sec)
mysql> SELECT Gender, COUNT(*) AS TotalStudents
   -> FROM STUDENT
   -> GROUP BY Gender;
 Gender | TotalStudents
                       2
 Male
                       1
 Female |
 rows in set (0.00 sec)
```

#### TCL Commands – COMMIT, ROLLBACK, SAVEPOINT

```
mysql> INSERT INTO STUDENT4 (Name, City, Marks) VALUES
-> ('Amit', 'Delhi', 85),
-> ('Neha', 'Mumbai', 92),
-> ('Raj', 'Delhi', 76);
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0
mysql> START TRANSACTION;
Query OK, 0 rows affected (0.00 sec)
mysqt>
mysql> INSERT INTO STUDENT4 (Name, City, Marks) VALUES
-> ('Priya', 'Chennai', 88);
Query OK, 1 row affected (0.00 sec)
mysql>
mysql> COMMIT;
Query OK, 0 rows affected (0.01 sec)
mysql> START TRANSACTION;
Query OK, 0 rows affected (0.00 sec)
mysql>
mysql>
mysql> INSERT INTO STUDENT4 (Name, City, Marks) VALUES
-> ('Kiran', 'Mumbai', 95);
Query OK, 1 row affected (0.00 sec)
mysql>
mysql> ROLLBACK;
Query OK, 0 rows affected (0.00 sec)
mysql> START TRANSACTION;
Query OK, 0 rows affected (0.00 sec)
mvsal>
mysql> INSERT INTO STUDENT4 (Name, City, Marks) VALUES
-> ('Simran', 'Chennai', 70);
Query OK, 1 row affected (0.00 sec)
mysql> SAVEPOINT sp1;
Query OK, 0 rows affected (0.00 sec)
mvsal>
mysql> INSERT INTO STUDENT4 (Name, City, Marks) VALUES
-> ('Vikram', 'Delhi', 75);
Query OK, 1 row affected (0.00 sec)
mysql>
mysql> ROLLBACK TO sp1; -- Undo onl
Query OK, 0 rows affected (0.00 sec)
                                             – Undo only Vikram's insert
mysql>
mysql> COMMIT;
                          -- Save Simran
Query OK, 0 rows affected (0.00 sec)
mysql> SELECT * FROM STUDENT4
-> SELECT * FROM STUDENT4;
ERROR 1064 (42000): You have an error in your SQL syntax;
mysql> SELECT * FROM STUDENT4;
| RegNo | Name
                              | City
                                               | Marks
                 Amit
                                Delhi
                                                       85
          2
                 Neha
                                Mumbai
                                                       92
                Raj
Priya
          3
                                                       76
                                Delhi
          4
                                Chennai
                                                       88
          6
                Simran
                              l Chennai
                                                       70
5 rows in set (0.00 sec)
```

#### DCL Commands – GRANT, REVOKE

```
mysql> REVOKE INSERT

-> ON studentdb.STUDENT3
-> FROM 'student_user'@'localhost';
Query OK, 0 rows affected (0.01 sec)

mysql> SHOW GRANTS FOR 'student_user'@'localhost';

| Grants for student_user@localhost
| GRANT USAGE ON *.* TO 'student_user'@'localhost' WITH GRANT OPTION |
| GRANT SELECT, UPDATE ON 'studentdb'.* student3' TO 'student_user'@'localhost'

3 rows in set (0.01 sec)

mysql> REVOKE ALL PRIVILEGES
-> ON studentdb.*
-> FROM 'student.user'@'localhost';
Query OK, 0 rows affected (0.02 sec)

mysql> SHOW GRANTS FOR 'student_user'@'localhost';
| Grants for student_user@localhost |
| GRANT USAGE ON *.* TO 'student_user'@'localhost';
| GRANT USAGE ON *.* TO 'student_user'@'localhost' WITH GRANT OPTION |
| GRANT USAGE ON *.* TO 'student_user'@'localhost' WITH GRANT OPTION |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
| GRANT SELECT, UPDATE ON 'studentdb'.'student3' TO 'student_user'@'localhost' |
```

#### **Procedures**

```
mysql>
mysql> DELIMITER ;
mysql>
mysql> DELIMITER //
mysql>
mysql> CREATE PROCEDURE GetTopStudents (
            IN p_MinMarks INT
    ->
    -> )
    -> BEGIN
            SELECT RegNo, Name, Marks
FROM STUDENT3
    ->
            WHERE Marks >= p_MinMarks;
    -> END //
Query OK, 0 rows affected (0.03 sec)
mysql>
mysql> DELIMITER ;
mysql>
mysql> CALL InsertStudent('Simran', 'Female', '2003-03-18', '9876549999', 'D
elhi', 91);
Query OK, 1 row affected (0.01 sec)
mysql>
mysql> CALL GetTopStudents(80);
  RegNo
                    Marks
           Name
      1
           Amit
                        85
      2
                        92
           Neha
      3
           Amit
                        85
      4
           Neha
                        92
      6
           Priya
                        88
      7
           Kiran
                        95
      8
                        91
           Simran
7 rows in set (0.00 sec)
Query OK, 0 rows affected (0.02 sec)
mysql> |
```

#### **Function**

```
Database changed
mysql>
mysql> DELIMITER //
mysql>
mysql> CREATE FUNCTION GetGrade(marks INT)
   -> RETURNS VARCHAR(10)
   -> DETERMINISTIC
    -> BEGIN
           DECLARE grade VARCHAR(10);
    ->
           IF marks >= 90 THEN
               SET grade = 'A+';
    ->
           ELSEIF marks >= 80 THEN
    ->
               SET grade = 'A'
    ->
           ELSEIF marks >= 70 THEN
    ->
               SET grade = 'B';
    ->
           ELSEIF marks >= 60 THEN
    ->
               SET grade = 'C';
    ->
    ->
           ELSE
    ->
               SET grade = 'F';
           END IF;
    ->
           RETURN grade;
    -> END //
Query OK, 0 rows affected (0.01 sec)
mysql>
mysql> DELIMITER ;
mysql>
mysql> SELECT RegNo, Name, Marks, GetGrade(Marks) AS Grade FROM STUDENT3;
                  | Marks | Grade |
  RegNo | Name
      1
          Amit
                       85
                            Α
      2
          Neha
                       92
                            Α+
          Amit
      3
                       85
                            Α
      4
                       92
                            Α+
          Neha
      5
                       76
                            В
          Raj
          Priya
      6
                      88
                            Α
      7
          Kiran
                      95
                            A+
      8
          Simran
                       91
                            Α+
8 rows in set (0.00 sec)
mvsal>
```

#### Cursors

```
mysql> USE studentdb;
Database changed
mysql>
mysql>
mysql> DELIMITER //
mysql>
mysql> CREATE PROCEDURE ShowStudentMarks()
    -> BEGIN
-> DE
-> DE
            DECLARE done INT DEFAULT 0;
DECLARE sName VARCHAR(50);
DECLARE sMarks INT;
DECLARE sMarks INT;
DECLARE cur CURSOR FOR SELECT Name, Marks FROM STUDENT3;
DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;
             OPEN cur;
    ->
->
->
            ->
             END LOOP;
-> CLOSE cur;
-> END //
Query OK, 0 rows affected (0.02 sec)
mysql>
mysql> DELIMITER ;
mysql>
mysql> CALL ShowStudentMarks();
  Name | Marks |
| Amit | 85 |
1 row in set (0.00 sec)
| Name | Marks |
| Neha | 92 |
1 row in set (0.00 sec)
| Name | Marks |
| Amit | 85 |
1 row in set (0.00 sec)
| Name | Marks |
| Neha | 92 |
1 row in set (0.00 sec)
| Name | Marks |
| Raj | 76 |
1 row in set (0.01 sec)
| Name | Marks |
| Priya | 88 |
1 row in set (0.01 sec)
| Name | Marks |
| Kiran |
1 row in set (0.01 sec)
| Name | Marks |
| Simran |
                 91 |
1 row in set (0.01 sec)
```

## **Triggers**

#### **String Functions**

```
mysql> -- Create table
mysql> CREATE TABLE student2 (
-> RegNo INT PRIMARY KEY AUTO_INCREMENT,
-> Name VARCHAR(50),
-> Gender VARCHAR(10),
-> City VARCHAR(30)
-> );
Query OK, 0 rows affected (0.02 sec)
mysql>
mysql>
mysql> -- Insert sample records
mysql> INSERT INTO student2 (Name, Gender, City) VALUES
-> ('Ramesh', 'Male', 'Hyderabad'),
-> ('Suresh', 'Male', 'Delhi'),
-> ('Geeta', 'Female', 'Mumbai'),
-> ('Anita', 'Female', 'Chennai');
Query OK, 4 rows affected (0.00 sec)
Records: 4 Duplicates: 0 Warnings: 0
mysql> -- 1. REPLACE: Replace 'esh' with 'Kumar' in Name
mysql> SELECT Name, REPLACE(Name, 'esh', 'Kumar') AS ModifiedName
-> FROM student2;
 | Name | ModifiedName |
| Ramesh | RamKumar
| Suresh | SurKumar
| Geeta | Geeta
| Anita | Anita
4 rows in set (0.00 sec)
mysql>
mysql> -- 2. REPEAT: Repeat the City name 2 times
mysql> SELECT City, REPEAT(City, 2) AS RepeatedCity
-> FROM student2;
                      | RepeatedCity
| City
| Hyderabad | HyderabadHyderabad
| Delhi | DelhiDelhi
| Mumbai | MumbaiMumbai
| Chennai | ChennaiChennai
4 rows in set (0.00 sec)
mysql>
mysql> -- 3. RIGHT: Get last 3 characters of Name
mysql> SELECT Name, RIGHT(Name, 3) AS LastThreeChars
. -> FROM student2;
| Name | LastThreeChars |
   Ramesh | esh
Suresh | esh
   Geeta
                   | eta
| ita
 Anita
4 rows in set (0.00 sec)
mysql>
mysql> -- 4. RPAD: Pad Name with '*' to make it 10 characters long
mysql> SELECT Name, RPAD(Name, 10, '*') AS PaddedName
-> FROM student2;
 Name
                  | PaddedName |
   Ramesh | Ramesh****
Suresh | Suresh****
Geeta | Geeta****
Anita | Anita****
Geeta
Anita
4 rows in set (0.00 sec)
mysql>
mysql> -- Display all contents of table at end
mysql> SELECT * FROM student2;
 | RegNo | Name | Gender | City
                    Ramesh | Male
Suresh | Male
Geeta | Female
Anita | Female
                                                          Hyderabad
                                                         Delhi
                                                         Mumbai
            4
                     Anita
                                     Female
                                                         Chennai
4 rows in set (0.00 sec)
```

Database Connectivity - Using PhP& MySQL

