JOINS In Procedures:-   **P.Sahith Sai**

                                                                       Reg.No:192425029

                                                                       Roll.No:31

Activity:-

```
Enter password: ******
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.44 MySQL Community Server - GPL

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owners.

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

mysql> create database College;
Query OK, 1 row affected (0.07 sec)

mysql> use college;
Database changed
mysql> CREATE TABLE Student (RegNo INT, Name VARCHAR(15),CID INT);
Query OK, 0 rows affected (0.09 sec)

mysql> CREATE TABLE Courses (CID INT , CName VARCHAR(100),INSName VARCHAR(100));
Query OK, 0 rows affected (0.09 sec)

mysql> Desc Student;
+-------+-------------+------+-----+---------+-------+
| Field | Type        | Null | Key | Default | Extra |
+-------+-------------+------+-----+---------+-------+
| RegNo | int         | YES  |     | NULL    |       |
| Name  | varchar(15) | YES  |     | NULL    |       |
| CID   | int         | YES  |     | NULL    |       |
+-------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> Desc Courses;
+---------+--------------+------+-----+---------+-------+
| Field   | Type         | Null | Key | Default | Extra |
+---------+--------------+------+-----+---------+-------+
| CID     | int          | YES  |     | NULL    |       |
| CName   | varchar(100) | YES  |     | NULL    |       |
| INSName | varchar(100) | YES  |     | NULL    |       |
+---------+--------------+------+-----+---------+-------+
3 rows in set (0.00 sec)
```

```
mysql> INSERT INTO Student VALUES(1,'A',101),(2,'B',102),(3,'C',103),(4,'C',104);
Query OK, 4 rows affected (0.01 sec)
Records: 4  Duplicates: 0  Warnings: 0

mysql> INSERT INTO Courses VALUES(101,'CNS','Ravi'),(102,'DBMS','Raju'),(103,'DS','Raja'),(104,'OS','Rani');
Query OK, 4 rows affected (0.06 sec)
Records: 4  Duplicates: 0  Warnings: 0

mysql> SELECT Student.Name,Courses.CName,Courses.INSName from Student INNER JOIN Courses ON Student.CID=Courses.CID;
+------+-------+---------+
| Name | CName | INSName |
+------+-------+---------+
| A    | CNS   | Ravi    |
| B    | DBMS  | Raju    |
| C    | DS    | Raja    |
| C    | OS    | Rani    |
+------+-------+---------+
4 rows in set (0.06 sec)

mysql> SELECT Student.RegNo,Student.Name,Courses.CName,Courses.INSName from Student INNER JOIN Courses ON Student.CID=Courses.CID;
+-------+------+-------+---------+
| RegNo | Name | CName | INSName |
+-------+------+-------+---------+
|     1 | A    | CNS   | Ravi    |
|     2 | B    | DBMS  | Raju    |
|     3 | C    | DS    | Raja    |
|     4 | C    | OS    | Rani    |
+-------+------+-------+---------+
4 rows in set (0.00 sec)
```

```
mysql> DELIMITER //
mysql> Create procedure Ex1()
    -> BEGIN
    -> SELECT Student.Name,Courses.CName,Courses.INSName from Student INNER JOIN Courses ON Student.CID=Courses.CID;
    -> END //
Query OK, 0 rows affected (0.07 sec)

mysql> DELIMITER ;
mysql> CALL Ex1() ;
+------+-------+---------+
| Name | CName | INSName |
+------+-------+---------+
| A    | CNS   | Ravi    |
| B    | DBMS  | Raju    |
| C    | DS    | Raja    |
| C    | OS    | Rani    |
+------+-------+---------+
4 rows in set (0.00 sec)

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