

## REQUIREMENT 1: CREATE A STORED PROCEDURE FOR THE INSERTION OF RECORDS INSIDE STUDENT TABLE.

### MySQL:

#### 1. CREATION OF TABLE

```
mysql> CREATE TABLE STUDENT
-> (
-> ID INT,
-> NAME VARCHAR(10),
-> AGE INT
-> );
Query OK, 0 rows affected (0.09 sec)
```

#### 2. CREATION OF PROCEDURE

```
mysql> DELIMITER //
mysql> CREATE PROCEDURE INSERT_STUDENT(IN SID INT,IN SNAME VARCHAR(10),IN S_AGE INT)
-> BEGIN
-> INSERT INTO STUDENT VALUES (SID,SNAME,S_AGE);
-> SELECT * FROM STUDENT;
-> END
-> //
Query OK, 0 rows affected (0.04 sec)

mysql> DELIMITER ;
```

### 3. EXECUTING THE PROCEDURE

```
mysql> CALL INSERT_STUDENT(1,'RAM',23);
```

ID	NAME	AGE
1	RAM	23

```
1 row in set (0.05 sec)
```

```
Query OK, 0 rows affected (0.06 sec)
```

**REQUIREMENT 2:CREATE A TRIGGER FOR ADDING THE RECORD IN ADMISSIONS TABLE ONCE A RECORD IS ADDED IN THE STUDENT TABLE.**

#### 1. CREATION OF TABLE

```
mysql> CREATE TABLE ADMISSION
```

```
-> (
```

```
-> ADMISSION_ID INT PRIMARY KEY AUTO_INCREMENT,
```

```
-> SID INT,
```

```
-> ADMISSION_DATE DATE
```

```
-> );
```

```
Query OK, 0 rows affected (0.08 sec)
```

## 2. CREATION OF TRIGGERS

```
mysql> DELIMITER //
```

```
mysql> CREATE TRIGGER admission_record AFTER INSERT ON STUDENT FOR EACH ROW
```

```
    -> BEGIN
```

```
    -> INSERT INTO ADMISSION(SID,ADMISSION_DATE)VALUES(NEW.ID,SYSDATE());
```

```
    -> END
```

```
    -> //
```

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

## 3. EXECUTION OF TRIGGERS

```
mysql> CALL INSERT_STUDENT(2,'ravi',25);
```

```
    -> //
```

ID	NAME	AGE
1	RAM	23
2	ravi	25

```
2 rows in set (0.05 sec)
```

```
Query OK, 0 rows affected (0.06 sec)
```

```
mysql> DELIMITER ;
```

```
mysql> DELIMITER ;
mysql> SELECT * FROM ADMISSION;
+-----+-----+-----+
| ADMISSION_ID | SID | ADMISSION_DATE |
+-----+-----+-----+
|          1 |    2 | 2024-06-06      |
+-----+-----+-----+
1 row in set (0.04 sec)
```

### **TASK FOR YOU GUYS!!!**

**2. CREATE A PROCEDURE FOR THE UPDATION OF THE STUDENT RECORD FOR AGE OR NAME AND TRIGGER THE SAME IN THE UPDATES TABLE ONCE THE RECORD IS UPDATED, THE UPDATION DATE HAS TO BE TRACKED AND ID MUST BE COLLECTED.**