```sql
DELIMITER //
CREATE PROCEDURE proc_Grade(IN stud_name VARCHAR(255), IN total_marks INT)
BEGIN
    DECLARE stud_class VARCHAR(255);

    IF total_marks ≤ 1500 AND total_marks ≥ 990 THEN
        SET stud_class = 'Distinction';
    ELSEIF total_marks < 990 AND total_marks ≥ 900 THEN
        SET stud_class = 'First Class';
    ELSEIF total_marks < 900 AND total_marks ≥ 825 THEN
        SET stud_class = 'Higher Second Class';
    ELSE
        SET stud_class = 'Not Classified';
    END IF;

    INSERT INTO Result(Name, Class) VALUES(stud_name, stud_class);
END //
DELIMITER ;


DELIMITER //
CREATE FUNCTION getGrades(studentName VARCHAR(255), marks INT)
RETURNS VARCHAR(255)
DETERMINISTIC
BEGIN
    DECLARE class VARCHAR(50);
    IF marks ≤ 1500 AND marks ≥ 990 THEN
        SET class = 'Distinction';
    ELSEIF marks < 990 AND marks ≥ 900 THEN
        SET class = 'First Class';
    ELSEIF marks < 900 AND marks ≥ 825 THEN
        SET class = 'Higher Second Class';
    ELSE
        SET class = 'Not Classified';
    END IF;

    INSERT INTO Result(Name, Class) VALUES(studentName, class);

    RETURN class;
END //
DELIMITER ;
```

```
+-----------+-------------+
| name      | total_marks |
+-----------+-------------+
| Student A |        1000 |
| Student B |         950 |
| Student C |         870 |
+-----------+-------------+
```

```
mysql> CALL proc_Grade('Student A', 1000);
Query OK, 1 row affected (0.01 sec)

mysql> select * from Result;
+------+-----------+-------------+
| Roll | Name      | Class       |
+------+-----------+-------------+
|    1 | Student A | Distinction |
+------+-----------+-------------+
1 row in set (0.00 sec)


mysql> select getGrades(name, total_Marks) from Stud_Marks
       where name = "Student B";

+------------------------------+
| getGrades(name, total_Marks) |
+------------------------------+
| First Class                  |
+------------------------------+
1 row in set (0.01 sec)

mysql> select * from Result;
+------+-----------+-------------+
| Roll | Name      | Class       |
+------+-----------+-------------+
|    1 | Student A | Distinction |
|    2 | Student B | First Class |
+------+-----------+-------------+
2 rows in set (0.00 sec)
```