Write a Stored Procedure namely proc\_Grade for the categorization of student. If marks scored by students in

examination is &lt;=1500 and marks&gt;=990 then student will be placed in distinction category if marks scored are

between 989 and 900 category is first class, if marks 899 and 825 category is Higher Second Class

ANS

DELIMITER $$

CREATE PROCEDURE proc\_Grade(IN student\_marks INT)

BEGIN

DECLARE student\_category VARCHAR(50);

-- Check the marks and assign the category

IF student\_marks >= 990 AND student\_marks <= 1500 THEN

SET student\_category = 'Distinction';

ELSEIF student\_marks >= 900 AND student\_marks <= 989 THEN

SET student\_category = 'First Class';

ELSEIF student\_marks >= 825 AND student\_marks <= 899 THEN

SET student\_category = 'Higher Second Class';

ELSE

SET student\_category = 'No Category'; -- In case marks do not match any category

END IF;

-- Output the student category

SELECT student\_category AS Category;

END $$

DELIMITER ;