MySQL Fundamentals–S1 -Practice Exercise

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Problem Statement 10: Working with Stored Procedures

Create USER_DETAILS table with following fields

,•user_id:int primary key

•name: varchar(100)

•age: int

Solve the following subproblems,

1.Create a stored procedure with name "INSERTUSER"and accept two arguments id and name and insert following records to userdetails table,

(101,'Rahul')

 (102,'Venky')

(103,'Asha')

2.Create a stored procedure with name "GETUSERNAME" and accept two arguments such as user_idasIN parameter and username as OUT parameter.In this procedure you need to fire a select query which will find the username corresponding to the given userid.

 3.Create a stored procedure with name "DELETEUSER" and accept one argument as userid as IN parameter. In this procedure write a query to delete the user corresponds to the given userid.

QUERY AND OUTPUT:

CREATE TABLE USER_DETAILS (
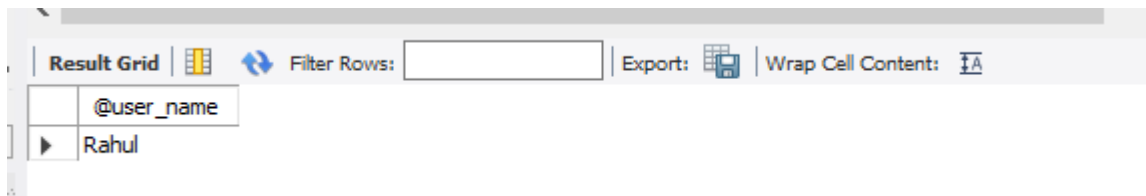
   user_id INT PRIMARY KEY,

   name VARCHAR(100),

   age INT

);

1. CREATE PROCEDURE INSERTUSER

(IN p_id   INTEGER,

 IN p_name VARCHAR(100))

BEGIN

  INSERT INTO USER_DETAILS (user_id, name)

   VALUES (p_id, p_name);

END;

call INSERTUSER (101, 'Rahul');

call INSERTUSER (102, 'Venky');

call INSERTUSER (103, 'Asha');

✓	9	12:14:51	call INSERTUSER (102, 'Venky')
✓	10	12:14:51	call INSERTUSER (103, 'Asha')

2. DELIMITER //;

CREATE PROCEDURE GETUSERNAME(

  IN user_id_in INT,

  OUT user_name_out VARCHAR(100)

)

BEGIN

  SELECT name INTO user_name_out FROM USER_DETAILS WHERE user_id = user_id_in;

END;

CALL GETUSERNAME(101, @user_name);

SELECT @user_name;

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	@user_name			
▶	Rahul			

3. DELIMITER //;

CREATE PROCEDURE DELETEUSER(

  IN user_id_in INT

)

BEGIN

  DELETE FROM USER_DETAILS WHERE user_id = user_id_in;

END;

CALL DELETEUSER(101);

✓	16	12:22:34	CREATE PROCEDURE DELETEUSER(IN user_id_in INT) BEGIN DELETE FROM USER_DETAILS WHE...	0 row(s) affected
✓	17	12:22:55	CALL DELETEUSER(101)	1 row(s) affected