

Problem Statement 9:

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Working with Stored Procedures

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Create USER_DETAILS table with following fields:

```
CREATE TABLE user_details (  
    user_id int primary key,  
    name varchar(100),  
    age int );
```

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

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `insertuser`(IN id INT,  
IN name VARCHAR(100) )  
BEGIN  
INSERT INTO user_details (user_id, name) VALUES (id, name);  
END
```

```
DELIMITER $$  
USE `user_db`$$  
CREATE PROCEDURE `insertuser` (IN id INT, IN name VARCHAR(100) )  
BEGIN  
INSERT INTO user_details (user_id, name) VALUES (id, name);  
END$$
```

```
DELIMITER ;
```

2. Create a stored procedure with name "GETUSERNAME" and accept two arguments such as user_id as IN 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.

```

CREATE DEFINER=`root`@`localhost` PROCEDURE `getusername`(IN
user_id INT, OUT username VARCHAR(100))
BEGIN
DECLARE done INT DEFAULT FALSE;
DECLARE cur CURSOR FOR SELECT name FROM user_details WHERE
user_id = user_id;
DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = TRUE;

OPEN cur;
read_loop:LOOP
FETCH cur INTO username;
IF done THEN
LEAVE read_loop;
END IF;
LEAVE read_loop;
END LOOP;
CLOSE cur;
END
CALL getusername(103, @username);
SELECT @username;

```

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.

```

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteuser`(IN
user_id INT) BEGIN
DELETE FROM user_details WHERE user_id = user_id;
END
CALL deleteuser(101)

```