

S09-L02 Cursor in a procedure

```
DROP PROCEDURE IF EXISTS `SAVE_ALL_USER_LOGIN_STAT` ;

DELIMITER //

CREATE PROCEDURE `SAVE_ALL_USER_LOGIN_STAT` ()
BEGIN
    DECLARE no_more_rows BOOLEAN;
    DECLARE user_id INT DEFAULT 0;

    DECLARE cursor_users CURSOR FOR
        SELECT `user`.`id` AS user_id
        FROM `sample_staff`.`user`
        WHERE 1=1
            AND user.deleted_flag = 0
        ;

    DECLARE CONTINUE HANDLER FOR NOT FOUND
        SET no_more_rows = TRUE;

    OPEN cursor_users;

    loop_users: LOOP
        FETCH cursor_users INTO user_id;

        IF no_more_rows THEN
            LEAVE loop_users;
        END IF;

        CALL INS_USER_STAT(user_id);

    END LOOP loop_users;

    CLOSE cursor_users;

END//

DELIMITER ;
```