

S08-L01

Intro: Procedures & why to
use them?

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```
-- Insert user login (user_id=1, ip_address=32.12.45.193)
CALL INS_USER_LOGIN(1, '32.12.45.193');

-- Select user login (user_id=1)
CALL SEL_USER_LOGIN(1);
```

- Faster query execution
- Code encapsulated
- Privileges setup

```
CREATE PROCEDURE `INS_USER_LOGIN` (
  in_user_id INT(11),
  in_ip_address VARCHAR(20)
)
BEGIN
  INSERT INTO `sample_staff`.`user_login`
    (`user_id`, `login_dt`, `ip_address`, `insert_dt`, `insert_process_code`)
  VALUES
    (in_user_id, NOW(), INET_ATON(in_ip_address), NOW(), 'INS_USER_LOGIN');
END;
```