USE salon02;

DELETE FROM Employee;  
DELETE FROM Location;

-- Incorrect Method: hard coding foreign key values

INSERT INTO Location  
VALUES  
(DEFAULT, 'Rexburg')  
,(DEFAULT, 'Rigby');

INSERT INTO Employee  
VALUES  
(DEFAULT, 'Jenny', 1)  
,(DEFAULT, 'Haley', 1)  
,(DEFAULT, 'Olive', 2);

-- Method #1 (order of inserts)

INSERT INTO Location  
VALUES  
(DEFAULT, 'Rexburg');

INSERT INTO Employee  
VALUES  
(DEFAULT, 'Jenny', last\_insert\_id())  
,(DEFAULT, 'Haley', last\_insert\_id());

INSERT INTO Location  
VALUES  
(DEFAULT, 'Rigby');

INSERT INTO Employee  
VALUES  
(DEFAULT, 'Olive', last\_insert\_id());

-- Method #2 (local variable)

INSERT INTO Location  
VALUES  
(DEFAULT, 'Rexburg');

SET @Rexburg = last\_insert\_id();

INSERT INTO Location  
VALUES  
(DEFAULT, 'Rigby');

SET @Rigby = last\_insert\_id();

INSERT INTO Employee  
VALUES  
(DEFAULT, 'Jenny', @Rexburg)  
,(DEFAULT, 'Haley', @Rexburg)  
,(DEFAULT, 'Olive', @Rigby);

-- Method #3 (subquery lookup)

INSERT INTO Location  
VALUES  
(DEFAULT, 'Rexburg')  
,(DEFAULT, 'Rigby');

INSERT INTO Employee  
VALUES  
(DEFAULT, 'Jenny', (SELECT LocationId FROM Location WHERE Address1 = 'Rexburg'))  
,(DEFAULT, 'Haley', (SELECT LocationId FROM Location WHERE Address1 = 'Rexburg'))  
,(DEFAULT, 'Olive', (SELECT LocationId FROM Location WHERE Address1 = 'Rigby'));