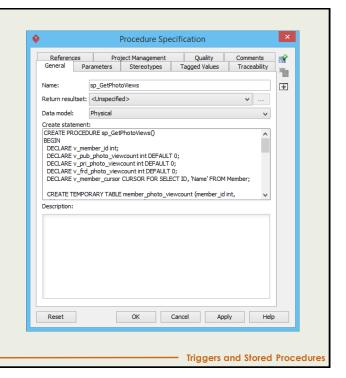## Creating a Procedure

```
CREATE PROCEDURE sp_GetPhotoViews()
BEGIN
 DECLARE v_member_id int;
 DECLARE v_pub_photo_viewcount int DEFAULT 0;
 DECLARE v_pri_photo_viewcount int DEFAULT 0;
 DECLARE v_frd_photo_viewcount int DEFAULT 0;
 DECLARE v_member_cursor CURSOR FOR SELECT ID, 'Name' FROM Member;

 CREATE TEMPORARY TABLE member_photo_viewcount (member_id int, public_photo_viewcount int, private_photo_viewcount int, friends_photo_viewcount int);

 OPEN v_member_cursor;

 FETCH v_member_cursor into v_member_id;
 BEGIN
  SELECT SUM('View') INTO v_pub_photo_viewcount FROM Photo WHERE Privacy = 'Public' AND MemberID = member_id;
  SELECT SUM('View') INTO v_pri_photo_viewcount FROM Photo WHERE Privacy = 'Only You' AND MemberID = member_id;
  SELECT SUM('View') INTO v_frd_photo_viewcount FROM Photo WHERE Privacy = 'Friends' AND MemberID = member_id;

  INSERT INTO member_photo_viewcount VALUES (v_member_id, v_pub_photo_viewcount, v_pri_photo_viewcount, v_frd_photo_viewcount);
  FETCH v_member_cursor into v_member_id;
 END;

 CLOSE v_member_cursor;

 SELECT * FROM member_photo_viewcount;
 DROP TABLE member_photo_viewcount;
END
```

Creating a Procedure

1. Drag **Stored Procedures** from diagram toolbar to diagram.

2. Name it.

3. Right click on the Procedures shape and select **New Procedure** from the popup menu.

4. Enter the physical name of the procedure.

5. Right click on the procedure and select **Open Specification…** from the popup menu.

6. Enter the **Create statement** of procedure.

7. Click **OK** to confirm editing.