DELIMITER $$

CREATE PROCEDURE build\_email\_list (INOUT email\_list varchar(4000))

BEGIN

DECLARE v\_finished INTEGER DEFAULT 0;

DECLARE v\_email varchar(100) DEFAULT "";

-- declare cursor for employee email

DEClARE email\_cursor CURSOR FOR

SELECT email FROM employees;

-- declare NOT FOUND handler

DECLARE CONTINUE HANDLER

FOR NOT FOUND SET v\_finished = 1;

OPEN email\_cursor;

get\_email: LOOP

FETCH email\_cursor INTO v\_email;

IF v\_finished = 1 THEN

LEAVE get\_email;

END IF;

-- build email list

SET email\_list = CONCAT(v\_email,";",email\_list);

END LOOP get\_email;

CLOSE email\_cursor;

END$$

DELIMITER ;