# Assignment No.10

```sql
DELIMITER //

CREATE PROCEDURE locationlist (INOUT locList varchar(4000))

BEGIN

  DECLARE finished INTEGER DEFAULT 0;
    DECLARE loc varchar(100) DEFAULT "";

    DEClARE curLoc
        CURSOR FOR
            SELECT city FROM customer;

    -- declare NOT FOUND handler
    DECLARE CONTINUE HANDLER
        FOR NOT FOUND SET finished = 1;

    OPEN curLoc;

    getLoc: LOOP

        FETCH curLoc INTO loc;

    IF finished = 1 THEN
            LEAVE getLoc;
        END IF;

    IF (LOCATE(loc,locList)=0) THEN
            SET locList = CONCAT(loc,";",locList);
    END IF;

    END LOOP getLoc;

  CLOSE curLoc;

END //

DELIMITER ;

DELIMITER //

CREATE PROCEDURE phoneList (INOUT phnoList varchar(4000))

BEGIN
```

```sql
    DECLARE finished INTEGER DEFAULT 0;
     DECLARE phno varchar(100) DEFAULT "";

     -- declare cursor for customer phone no
     DEClARE curPhNo
         CURSOR FOR
             SELECT phone_no FROM customer;

     -- declare NOT FOUND handler
     DECLARE CONTINUE HANDLER
        FOR NOT FOUND SET finished = 1;

     OPEN curPhNo;

     getPhNo: LOOP

         FETCH curPhNo INTO phno;

     IF finished = 1 THEN
             LEAVE getPhNo;
         END IF;

     -- build phone list
         SET phnoList = CONCAT(phno,";",phnoList);

     END LOOP getPhNo;

  CLOSE curPhNo;

END //

DELIMITER ;
```