PROGRAM

```
READ MACRO A
        MOV AH,3FH
        LEA DX,A
        INT 21H
ENDM
DISP MACRO B
        MOV AH,09H
        LEA DX,B
        INT 21H
ENDM
.MODEL SMALL
.STACK
.DATA
        MSG1 DB 0AH,0DH,"ENTER THE FIRST STRING : $"
        MSG2 DB 0AH,0DH,"ENTER THE SECOND STRING : $"
        MSG3 DB 0AH,0DH,"NEW STRING : $"
        STR1 DB 100 DUP("$")
        STR2 DB 100 DUP("$")
.CODE
        START:
                MOV AX,@DATA
                MOV DS,AX
                MOV SI,00H
                MOV DI,00H
                DISP MSG1
                READ STR1
                SUB AX,02H
                MOV SI,AX
                DISP MSG2
                READ STR2
        L1:
                CMP STR2[DI],'$'
                JNE L2
```

```
            DISP STR1
            JMP L3
    L2:
            MOV AH,STR2[DI]
            MOV STR1[SI],AH
            INC SI
            INC DI
            LOOP L1
    L3:
            MOV AH,4CH
            INT 21H
    END START
```

OUTPUT

ENTER THE FIRST STRING : KIT
ENTER THE SECOND STRING :KAT
NEW STRING : KITKAT