

```
init macro
    MOV ax,@data
    MOV ds,ax
endm
```

```
prints macro
    MOV ah,09h
    INT 21h
endm
```

```
acceptch macro
    MOV ah,01h
    INT 21h
endm
```

```
printch macro
    MOV ah,02h
    INT 21h
endm
```

```
terminate macro
    MOV ah,04ch
    INT 21h
endm
```

```
.model small
.stack 100h
.data
```

```
    msg2  db 13,10,13,10,'Equal$'
    msg3  db 13,10,13,10,'Not Equal$'
```

```
.code
```

```
    PUBLIC STRCMP
    STRCMP PROC FAR
```

```
    CMP al,bl
    JNE label5
```

```
    MOV cl,al
    SUB cl,1
```

```
label3: MOV al,[si]
        MOV bl,[di]
        CMP al,bl
        JNE label5
        INC si
        INC di
        DEC cl
        CMP cl,0
        JNE label3
```

```
    LEA dx,msg2
    prints
    ret
```

```
label5: LEA dx,msg3
    prints
    ret
```

```
    STRCMP ENDP  
end
```