

```
1      AREA odev3, CODE
2      EXPORT __main
3
4      __main PROC
5
6          BL swap
7
8      loop
9          B loop
10         ENDP
11
12     swap PROC ; Alt program
13
14     x DCD 3
15     y DCD 5
16
17         LDR R0,=x
18         LDR R1,=y
19         LDR R0,[R0]
20         LDR R1,[R1]
21
22         ;R0: x, R1: y, R2: temp
23         MOV R2,R0
24         MOV R0,R1
25         MOV R1,R2
26
27         BX lr
28     ENDP
29     END
30
```