Potenzberechnung

```
1                    SEG
2                    MOVE W I H'10000',SP
3                    JUMP start
4
5    n:              DD W 7
6    a:              DD W 2
7
8    start:          MOVE W I -1, -!SP
9                    MOVE W n, -!SP
10                   MOVE W a, R0
11                   CALL power
12                   ADD W I 4, SP
13                   MOVE W !SP+, R5
14                   JUMP halte
15
16   power:          PUSHR
17                   MOVE W 64+!SP, R2
18                   CMP W R2, I 1
19                   JEQ bottom
20                   MOVE W I -1, -!SP
21                   SUB W I 1, R2, -!SP
22                   CALL power
23                   ADD W I 4, SP
24                   MULT W !SP+, R0
25                   JUMP fertig
26
27   bottom:         MOVE W a, R0
28
29   fertig:         MOVE W R0, 68+!SP
30                   POPR
31                   RET
32
33   halte:          HALT
34                   END
```