```
1: (d1, d2)
 2: Func
 3: @Returns the # of days between 2 dates.
 4: Format: d1, d2; YYYYMMDD (ISO 8601)
 5: Local d1,d2,yr,m,d,t,abst,ylen,ret
 6: {} → yr
 7: \{\}\rightarrow m
 8: \{\} \to d
 9: {}→abst
10:
11: If d1>d2 Then
12: d2→t
13: d1→d2
14: t→d1
15: EndIf
16:
17: string(d1) \rightarrow d1
18: string(d2)\rightarrowd2
19: misc\padstr(d1,"0",8,<sup>-</sup>1)→d1
20: misc\padstr(d2,"0",8,^{-1})\rightarrowd2
21:
22: \exp(\text{mid}(d1, 1, 4)) \rightarrow yr[1]
23: \exp(\text{mid}(d2, 1, 4)) \rightarrow yr[2]
24: \exp(\text{mid}(d1, 5, 2)) \rightarrow m[1]
25: \exp(\text{mid}(d2, 5, 2)) \rightarrow m[2]
26: \exp(\text{mid}(d1, 7, 2)) \rightarrow d[1]
27: expr(mid(d2,7,2)) \rightarrow d[2]
28:
29: misc\dord(\{yr[1], m[1], d[1]\}) \rightarrow abst[1]
30: misc\dord(\{yr[2], m[2], d[2]\}) \rightarrow abst[2]
31: abst[2]-abst[1]\rightarrow ret
32:
33: For t, yr[1], yr[2]-1
34: 365→ylen
35: If mod(t, 4) = 0 Then
36:
      366→ylen
37: EndIf
     If mod(t, 100) = 0 Then
38:
       If mod(t, 400) = 0 Then
39:
40:
        366→ylen
41:
       Else
42:
        365→ylen
43:
       EndIf
44: EndIf
45: ylen+ret→ret
46: EndFor
47:
48: Return ret
49: EndFunc
```