

## Exercise 1.6 Multiple SortOrder lists

```
1 {D,C,B,A}::SortOrder. # first SortOrder list
2
3 foo := A B C D .      # cdb(ex-0106.101,foo)
4
5 sort_product (foo)     # cdb(ex-0106.102,foo)
6
7 {V,U}::SortOrder.      # second SortOrder list, all entries distinct from first list
8
9 foo := U V A B C D .  # cdb(ex-0106.201,foo)
10
11 sort_product (foo)    # cdb(ex-0106.202,foo)
12
13 {A,B,C,D}::SortOrder. # all entries in this list appear in the
14                       # first SortOrder so they will be effectively ignored
15
16 foo := U V D C B A .  # cdb(ex-0106.301,foo)
17
18 sort_product (foo)    # cdb(ex-0106.302,foo)
```

ex-0106.101 := *ABCD*

ex-0106.102 := *DCBA*

ex-0106.201 := *UVABCD*

ex-0106.202 := *DCBAVU*

ex-0106.301 := *UVDCBA*

ex-0106.302 := *DCBAVU*