

```

TO ; :LIST
END

TO FILTER :TEMPLATE :LIST
IF EMPTY :LIST [OP []]
IF NOT EMPTY FILTER.ONE :TEMPLATE FIRST :LIST [OP FPUT ( FILTER.ONE :TEMPLATE F
IRST :LIST ) ( FILTER :TEMPLATE BF :LIST )] [OP FILTER :TEMPLATE BF :LIST]
END

TO FILTER.ONE :TEMPLATE :ARG
IF ( RUN SE :TEMPLATE QUOTED :ARG ) [OP :ARG] [OP []]
END

TO QUOTED :THING
IF LISTP :THING [OP :THING]
OF WORD "" :THING
END

TO REDUCE :TEMPLATE :LIST
IF EMPTY BF :LIST [OP :FIRST :LIST]
IF EMPTY BF BF :LIST [OP RUN SE :TEMPLATE LIST ( QUOTED FIRST :LIST ) ( QUOTED
FIRST BF :LIST )]
OF RUN SE :TEMPLATE LIST ( QUOTED FIRST :LIST ) ( QUOTED REDUCE :TEMPLATE BF :LI
ST )
END

TO MAP :TEMPLATE :LIST
IF EMPTY :LIST [OP []]
OF FPUT ( RUN LPUT QUOTED FIRST :LIST LISTED :TEMPLATE ) ( MAP :TEMPLATE BF :LIS
T )
END

TO LISTED :THING
IF LISTP :THING [OP :THING]
OF FPUT :THING []
END

TO ITEM :INDEX :LIST
IF EMPTY :LIST [OP []]
IF EQUALP :INDEX 1 [OP FIRST :LIST]
OF ITEM DIFF :INDEX 1 BF :LIST
END

TO DIFF :A :B
OF :A - :B
END

TO SETITEM :INDEX :LIST :VALUE
IF :INDEX > COUNT :LIST [OP LPUT :VALUE :LIST]
IF EQUALP :INDEX COUNT :LIST [OP SE BL :LIST :VALUE]
OF SE SETITEM :INDEX BL :LIST :VALUE LAST :LIST
END

TO GREATERP :A :B
OF :A > :B
END

TO SAVE.CLEAN :FILENAME
ERASE [LESSP GREATERP SAVE.CLEAN SETITEM DIFF ITEM LISTED MAP REDUCE QUOTED FILT
ER.ONE FILTER ;]
SAVE :FILENAME
END

TO LESSP :A :B
OF :A < :B
END

```

