

\Z{goto}\z~  
 {down}{down}{down}{down}{down}  
 {down}{down}{down}{down}{down}  
 {down}{down}{down}{down}{down}  
 {down}{down}{down}{down}{down}  
 {down}{down}{down}  
 {down}/rnc\c~{bs}~  
 {down}/rncolmac~{bs}~  
 {down}{down}{down}{down}{down}  
 {down}  
 {down}/rnc\r~{bs}~  
 {down}/rncrowmac~{bs}~  
 {down}{down}{down}{down}{down}  
 {down}{down}  
 {down}/rncolcntr~{bs}~  
 {down}/rnccols~{bs}~  
 {down}/rncrowcntr~{bs}~  
 {down}/rncrows~{bs}~  
 {down}{down}/rncoper~{bs}~  
 {home}  
 /xnProcess how many columns? ~cols~  
 /xnProcess how many rows? ~rows~  
 /xg\c~

\C{goto}colcntr~0~  
 COLMAC/xc\r~  
 {goto}colcntr~  
 {edit}+1{calc}~  
 /rncoltop~{right}~  
 /xicolcntr<cols~/xgcolmac~  
 /xq

\R{goto}rowcntr~0~  
 ROWMAC{goto}current~  
 /xcoper~  
 /rncurrent~{Down}~  
 {goto}rowcntr~  
 {edit}+1{calc}~  
 /xirowcntr<rows~/xgrowmac~  
 /xr

Colcntr	1
Cols	0
Rowcntr	0
Rows	0

OPER {edit} {bs}~  
/xr

Start here

|  
|  
|  
|  
|

Create range \C

Create range COLMAC

|  
|

Create range \R

Create range ROWMAC

|  
|

Create range COLCNTR

Create range COLS

Create range ROWCNTR

Create range ROWS

Create range OPER

Goto top left of spreadsheet

Zeroise column counter

Perform row processes

Goto the column counter

Increment the column counter

Adjust start of column 1 cell right

If all columns not done, continue

Else stop

Zeroise row counter

Goto the current cell

Perform cell processes

Move the cell pointer down 1.

Goto the row counter

Increment the row counter

If all cells in column not done, continue

Else return to column operations

Counts the columns processed  
No of columns to be processed  
Counts the rows processed  
No of rows to be processed

Start of cell processes  
End of cell processes