

The following little program demonstrates what can be done with the strings and the array.

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10 P. $↑
20 P. "GOOD DAY, I'M A NASCOM, WHAT IS YOUR NAME ?"
30 L. M=16000, L=20, @ (0)=0, @ (1)=M
40 MCI; M=M+L-1
50 GDS. 500
60 REM NOW PRINT STRING 1, USING K AS THE STRING NUMBER
70 P. "WELL ",; K=1; GDS. 610; MCP; P. " IT'S NICE TO KNOW YOU."; P.
80 P. "TELL ME (IN A COUPLE OF WORDS) WHAT THE WEATHER IS LIKE. ",
90 REM NOW CALCULATE THE NEXT M
100 GDS. 710; L=20; MCI; M=M+L-1
110 GDS. 500
120 P.; P. "I SEE. AS THIS IS A DEMO PROGRAM, I'M GOING TO LET YOU ENTER
ANY OLD RUBBISH YOU LIKE NOW."
130 GDS. 710; L=47; MCI; M=M+L-1
140 GDS. 500
150 P.; P.; P.; P.; P. "FINE, I HOPE YOU FEEL BETTER, NOW JUST TO PROVE I
CAN DO IT, I'VE PRINTED THE STRINGS."; P.
160 P. "THE RUBBISH YOU TYPED WAS"
170 K=3; GDS. 610; MCP; P.; P.
180 P. "THE WEATHER IS ",; K=2; GDS. 610; MCP; P. ". "; P.
190 P. "BYE ",; K=1; GDS. 610; MCP; P. ", HAVE A NICE DAY."; P.
200 S.
500 REM SUBROUTINE TO FIND REAL L
510 MCL; IF K=32 L=L-1, M=M-2; G.500
520 L. @ (0)=@ (0)+1, @ (2*@ (0))=L
530 RET
600 REM SUBROUTINE TO FIND L AND M, USING K AS A MESSAGE NUMBER.
610 L. M=@ (2*K-1), L=@ (2*K); RET
700 REM CALCULATE NEW M
710 L. M=@ (2*@ (0)-1)+@ (2*@ (0)), @ (2*@ (0)+1)=M; RET
OK
>
```

Situations Vacant

Nascom Microcomputers are looking for an Electronics Technician to work at their Berkhamsted office. The position will include building prototypes, answering technical queries and assisting in the Repair Department. All enquiries should be made to: Mr W J Bulman at Nascom Microcomputers Limited. 92 Broad Street, Chesham, Bucks.

Note from the INMC Committee

Well, that's the end of this newsletter. We hope you like it. In the next issue we hope to have details of the programs in the Software Library, further Software and Hardware hints, and the solution to the little puzzle in this issue. We also look forward to receiving letters, criticism and information from you to include in YOUR newsletter.

Logically Yours,

THE INMC COMMITTEE