VARIABLE VZ GOTO

The following routine eliminates those massive if then lists like:

IFA=10THEN100
IFA=20THEN110
IFA=30THEN120
etc.

After calling the routine, the variable 'GT' holds the value of the line to GOTO

To use, simply compute your line number to GOTO (or GOSUB) and having computed GT simply GOTO or GOSUB 2

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```
0 GOTO1000
1 GOTO XXXX:' MUST LEAVE SPACE AND DO NOT ALTER FIRST TWO LINES
2 T$=STR$(GT)
3 T=LEN(T$):IFT<6THENT$=T$+CHR$(32)+T$:GOTO3
4 FORC=2TO6:POKE31478+C,ASC(MID$(T$,C,1)):NEXT:GOTO1
```

APC Apr 85 6(4):95

The 'Variable VZ GOTO' in April *APC* does not work due to an error in line 3. Here is a revision that does.

```
0  GOTO1000
1  GOTO12345
2  T$=STR$(GT)
3  IFLEN(T$) <6THENT$=
   T$+" " :GOTO3
4  FORC=2TO6 :POKE
   31478+C,ASC(MID$
   (T$,C,1)
)  :NEXT :GOTO1
```

The GOTO in line 0 can be any four digit number. If you want to start your main program at a line numbered less than 1000, then use zeroes to make up the four digits. For example:
0 GOTO0058

To test the routine, enter these lines:

```
95  LIST-1000
1000  GT=95:GOTO2
```
and RUN.

For a variable list, which can be useful when debugging a program, simply change line 1 to:
1 LIST12345

APC Jul 85 6(7):176.