```
>LIST
BASI
  5   INTEGER MON(12),I,T,AGE
  6   F$="", N$="", L$=""   'NECESSARY IN CASE NO INPUT FOR NAMES.
 10   PRINT "HELLO!   I AM A PROGRAM WRITTEN IN BASIC,"
 20   PRINT "AND I WOULD LIKE TO SHOW YOU A FEW THINGS THAT A BASIC PROGRAM"
 30   PRINT "CAN DO!  FIRST I NEED SOME INFORMATION.  COULD YOU PLEASE"
 40   ENTER "TELL ME YOUR FIRST NAME.  PUSH GO AFTER YOU TYPE IT.",30,T,F$
 45   PRINT
 50   INPUT "YOUR MIDDLE NAME" N$
 60   INPUT "AND YOUR LAST NAME" L$
 61   PRINT
 62   PRINT
 63   IF F$=""OR N$="" OR L$="" THEN PRINT "NOW CUT THAT OUT!!!" ELSE 70
 64   GOTO 40
 70   PRINT F$;" ";N$;" ";L$;"    THAT'S A VERY NICE NAME!"
 71   PRINT
 72   PRINT
 73   PRINT "DID YOU KNOW THAT THERE ARE ";LEN(F$);"LETTERS IN"
 80   PRINT "YOUR FIRST NAME, ";LEN(N$);"LETTERS IN YOUR MIDDLE NAME AND"
 90   PRINT LEN (L$);"LETTERS IN YOUR LAST NAME?"
 91   PRINT
100   PRINT "THAT MAKES ";LEN(F$)+LEN(N$)+LEN(L$);"LETTERS IN ALL!!!"
110   PRINT
120   PRINT
121   B$=F$
123   FOR I = 1 TO 2
124   B$(LEN(B$)+1)=" "
125   B$(LEN(B$)+1)=N$
126   N$=L$
127   NEXT I
130   PRINT "WOULD YOU LIKE TO SEE YOUR NAME PRINTED BACKWARDS?"
131   PRINT
135   INPUT "TYPE YES OR NO, OK" A$
140   IF A$(1,1)="Y" THEN 146 ELSE PRINT "PLEASE LET ME SHOW OFF FOR YOU!"
145   GOTO 130
146   PRINT
147   PRINT
150   FOR I=LEN(B$) TO 1 STEP -1
160   PRINT B$(I,I);
170   NEXT I
181   PRINT
182   PRINT
183   PRINT
190   INPUT "NOW TELL ME YOUR BIRTHDATE. FIRST, THE NUMBER OF THE MONTH"M
195   INPUT "THE DAY"D
197   INPUT "AND THE YEAR"Y
200   IF Y > 1900 THEN Y = Y -1900
210   GOSUB 1000
220   AGE = D1
225   PRINT
230   INPUT "WHAT IS TODAY'S DATE?  THE NUMBER OF THE MONTH"M
233   INPUT "THE DAY"D
235   INPUT "AND THE YEAR"Y
240   GOSUB 1000
250   T = D1 - AGE
251   PRINT
252   PRINT
260   PRINT "I'LL BET YOU DIDN'T KNOW THAT YOU ARE EXACTLY ";T;"DAYS OLD!!!
265   PRINT
270   PRINT "I EVEN REMEMBERED TO COUNT THE LEAP YEARS (IN CASE"
275   PRINT "YOU WERE WONDERING!!)"
280   GOTO 2000
1000  Y1 = 365*(Y-1) + (Y-1)/4+1
1010  RESTORE
```