***SAMPLE INPUT FILE TEXTS***

10 PRINTLN " This program finds the sum of 1 to n where n is entered by the user "

20 INTEGER N , SUM , I

30 PRINT " Enter n: "

40 INPUT n

50 GOSUB 100

60 PRINT " The sum of 1 to n is "

65 PRINTLN SUM

70 PRINT " Enter 0 to quit, 1 to do another sum: "

80 INPUT SUM

90 IF SUM = 1 THEN GOTO 30

95 END

100 PRINTLN " Finding the sum of 1 to " , n

105 LET SUM = 0

110 LET I = 1

120 IF I > N THEN GOTO 160

130 LET SUM = SUM + I

140 LET I = I + 1

150 GOTO 120

160 RET

170 END

5 integer x , y

10 println " pop and push test "

15 integer b

18 let b = 23

20 push 50\*3+b

30 integer a

40 pop a

50 println " a = " , a

60 push a

70 pop b

80 println " b = " , b

90 push 5

100 push 7

110 gosub 200

11 push 2

12 push 4

13 gosub 200

120 end

200 println " in sub "

210 pop y

220 pop x

230 println " x+y= " , x+y

240 ret

250 end

10 PRINTLN " Hello , world ! "

20 END

10 PRINT " Enter a number: "

20 INTEGER number

30 INPUT number

40 PRINT " The number is "

50 PRINTLN number

60 END

10 INTEGER A , B , C

20 LET A = 1

30 LET B = 19

40 LET C = A+B\*4

50 PRINT " C= "

60 PRINTLN C

70 END

10 println " Testing if then "

20 integer a , b

25 print " Enter a: "

30 input a

35 print " Enter b : "

40 input b

50 if a < b then println " a < b "

60 if a = b then println " a = b "

70 if a > b then println " a > b "

80 end

10 println " If block test "

20 integer a , b

30 print " Enter a b : "

40 input a , b

50 if a < b then goto 100

60 println " in if block "

70 println " doing a second statement "

80 println " and a third "

100 println " out of the block "

200 end

10 LET A = 4

20 LET B = 5

30 LET C = A \* B + 7

40 PRINT A

50 PRINT " \* "

60 PRINT B

80 PRINT " + 7 = "

100 PRINTLN C

110 END