```
   1  Turbo Assembler    Version 2.0       12/14/08 22:40:55        Page 1
   2  ASM_KST3.ASM
   3
   4      1                    ;
   5      2                    ; Kestutis   Stankevicius, II-06/3
   6      3                    ; Asemblerinis programavimas
   7      4                    ;
   8      5                    ; 3 Auditorijos darbas:
   9      6                    ;
  10      7                    ; (a+b)-c = ?
  11      8                    ;
  12      9  0000                  stekas SEGMENT STACK
  13     10  0000  80*(00)             DB 128 DUP (0) ; isskiriame atmintyje 128 baitus
  14     11  0080                  stekas ENDS
  15     12
  16     13  0000              duomenys SEGMENT
  17     14                  ; aprasome   kintamuosius
  18     15  0000  05           a  DB 5
  19     16  0001  03           b  DB 3
  20     17  0002  01           c  DB 1
  21     18
  22     19  0003              duomenys ENDS
  23     20
  24     21  0000              programa SEGMENT
  25     22                  ASSUME CS:programa, DS:duomenys, SS:stekas
  26     23
  27     24  0000                START:
  28     25                  ; pradzia
  29     26  0000  B8 0000s          MOV AX, duomenys
  30     27  0003  8E D8            MOV DS, AX
  31     28
  32     29                  ; isvalyti   ekrana
  33     30  0005  B8 0002          MOV AX, 0002h
  34     31  0008  CD 10            INT 10h
  35     32
  36     33                  ; skaiciavimai
  37     34  000A  A0 0000r         MOV AL, a
  38     35  000D  02 06 0001r      ADD AL, b
  39     36  0011  2A 06 0002r      SUB AL, c
  40     37  0015  04 30            ADD AL, 30h
  41     38                  ; atvaizdavimas
  42     39  0017  8A D0            MOV DL, AL
  43     40  0019  B4 02            MOV AH, 02h
  44     41  001B  CD 21            INT 21H
  45     42
  46     43                  ; paspausti bet koki klavisa
  47     44  001D  B4 07            MOV AH, 07h
  48     45  001F  CD 21            INT 21h
  49     46
  50     47                  ; iseiti is programos
  51     48  0021  B4 4C            MOV AH, 4ch
  52     49  0023  CD 21            INT 21h
  53     50
  54     51  0025              programa ENDS
  55     52
  56     53                  END START
  57
  58  Symbol Table
  59
  60
  61  Symbol Name          Type     Value
  62
  63  ??DATE               Text    "12/14/08"
  64  ??FILENAME           Text    "ASM_KST3"
  65  ??TIME               Text    "22:40:55"
  66  ??VERSION            Number 0200
  67  @CPU            Text    0101H
  68  @CURSEG              Text    PROGRAMA
  69  @FILENAME            Text    ASM_KST3
  70  @WORDSIZE            Text    2
  71  A              Byte    DUOMENYS:0000
  72  B              Byte    DUOMENYS:0001
```

```
73  C              Byte     DUOMENYS:0002
74  START              Near      PROGRAMA:0000
75
76  Groups & Segments      Bit Size Align  Combine Class
77
78  DUOMENYS           16  0003 Para      none
79  PROGRAMA           16  0025 Para      none
80  STEKAS             16  0080 Para       Stack
81  FF
```