

```

1 Turbo Assembler Version 2.0 12/14/08 23:03:23 Page 1
2 ASM_KST4.ASM
3
4 1 ;
5 2 ; kestutis Stankevicius, II-06/3
6 3 ; Asemblerinis programavimas
7 4 ;
8 5 ; 4 Auditorijos darbas:
9 6 ;
10 7 ; (a*2-c)*4 = ?
11 8 ;
12 9 0000 stekas SEGMENT STACK
13 10 0000 0100*(??) DB 256 DUP (?) ; isskiriame atmintyje 256 baitus
14 11 0100 stekas ENDS
15 12
16 13 0000 duomenys SEGMENT
17 14 ; aprasome kintamuosius
18 15 0000 02 du DB 2
19 16 0001 04 keturi DB 4
20 17 0002 0A desimt DB 10
21 18 0003 0D a DB 13
22 19 0004 05 c DB 5
23 20 0005 03*(20) 24 rezult DB 3 DUP (' '), '$'
24 21
25 22 0009 duomenys ENDS
26 23
27 24 0000 programa SEGMENT
28 25 ASSUME CS:programa, DS:duomenys, SS:stekas
29 26
30 27 0000 START:
31 28 ; pradzia
32 29 0000 B8 0000s MOV AX, duomenys
33 30 0003 8E D8 MOV DS, AX
34 31
35 32 ; isvalyti ekrana
36 33 0005 B8 0002 MOV AX, 0002h
37 34 0008 CD 10 INT 10h
38 35
39 36 ; skaiciavimai
40 37 000A A0 0003r MOV AL, a
41 38 000D F6 26 0000r MUL du
42 39 0011 2A 06 0004r SUB AL, c
43 40 0015 F6 26 0001r MUL keturi
44 41 ; tvarkomes +1
45 42 0019 F6 36 0002r DIV desimt
46 43 001D 88 26 0006r MOV rezult+1, AH
47 44 0021 80 06 0006r 30 ADD rezult+1, 30h
48 45 ; tvarkomes +0
49 46 0026 B4 00 MOV AH, 0
50 47 0028 F6 36 0002r DIV desimt
51 48 002C 88 26 0005r MOV rezult, AH
52 49 0030 80 06 0005r 30 ADD rezult, 30h
53 50
54 51 ; atvaizduoti
55 52 0035 B4 09 MOV AH, 09h
56 53 0037 BA 0005r LEA DX, rezult
57 54 003A CD 21 INT 21h
58 55
59 56 ; paspausti bet koki klavisa
60 57 003C B4 07 MOV AH, 07h
61 58 003E CD 21 INT 21h
62 59
63 60 ; iseiti is programos
64 61 0040 B4 4C MOV AH, 4ch
65 62 0042 CD 21 INT 21h
66 63
67 64 0044 programa ENDS
68 65
69 66 END START

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Symbol Table

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73
74 Symbol Name          Type      Value
75
76 ??DATE               Text      "12/14/08"
77 ??FILENAME           Text      "ASM_KST4"
78 ??TIME               Text      "23:03:23"
79 ??VERSION            Number  0200
80 @CPU                 Text      0101H
81 @CURSEG              Text      PROGRAMA
82 @FILENAME            Text      ASM_KST4
83 @WORDSIZE            Text      2
84 A                    Byte      DUOMENYS:0003
85 C                    Byte      DUOMENYS:0004
86 DESIMT              Byte      DUOMENYS:0002
87 DU                   Byte      DUOMENYS:0000
88 KETURI              Byte      DUOMENYS:0001
89 REZULT              Byte      DUOMENYS:0005
90 START               Near      PROGRAMA:0000
91
92 Groups & Segments    Bit Size Align  Combine Class
93
94 DUOMENYS            16 0009 Para    none
95 PROGRAMA            16 0044 Para    none
96 STEKAS              16 0100 Para    Stack
97 FF
```