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1 Turbo Assembler Version 2.0 12/14/08 23:27:02 Page 1
2 ASM_KST5.ASM
3
4 1 ;
5 2 ; Kestutis Stankevicius, II-06/3
6 3 ; Asemblerinis programavimas
7 4 ;
8 5 ; 5 Auditorijos darbas:
9 6 ;
10 7 ; Ivedamas ir atvaizduojamas tekstas per viduri..
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 19 00 19*(20) ivsr DB 25, 0, 25 DUP(' ')
19 16 001B 02 du DB 2
20 17 001C 49 76 65 73 6B 69 74+ pranesimas DB 'Iveskite pavarde: ','$'
21 18 65 20 70 61 76 61 72+
22 19 64 65 3A 20 24
23 20
24 21 002F duomenys ENDS
25 22
26 23 0000 programa SEGMENT
27 24 ASSUME CS:programa, DS:duomenys, SS:stekas
28 25
29 26 0000 START:
30 27 ; pradzia
31 28 0000 B8 0000s MOV AX, duomenys
32 29 0003 8E D8 MOV DS, AX
33 30
34 31 ; isvalyti ekrana
35 32 0005 B8 0002 MOV AX, 0002h
36 33 0008 CD 10 INT 10h
37 34
38 35 ; pranesimas
39 36 000A B4 09 MOV AH, 09h
40 37 000C BA 001Cr LEA DX, pranesimas
41 38 000F CD 21 INT 21h
42 39
43 40 ; ivedimas
44 41 0011 B4 0A MOV AH, 0Ah
45 42 0013 BA 0000r LEA DX, ivsr
46 43 0016 CD 21 INT 21h
47 44
48 45 ; $ gale ivesto teksto
49 46 0018 BF 0002r LEA DI, ivsr+2
50 47 001B 8A 1E 0001r MOV BL, ivsr+1
51 48 001F B7 00 MOV BH, 0
52 49 0021 03 FB ADD DI,BX ; adresas kur siusime $ zenkla
53 50 0023 B7 24 MOV BH, '$'
54 51 0025 88 3D MOV [DI], BH ; spausdinimo pabaiga
55 52
56 53 ; skaiciuojam kur spausdinti
57 54 0027 B0 50 MOV AL, 80
58 55 0029 B4 00 MOV AH, 0
59 56 002B 2A C3 SUB AL, BL ; atimtis
60 57 002D F6 36 001Br DIV du
61 58 0031 8A D0 MOV DL, AL ; randam kur pradeti spausdinti
62 59 0033 B6 0C MOV DH, 12
63 60 0035 B4 02 MOV AH, 02 ; 12 eilute
64 61 0037 B7 00 MOV BH, 00 ; puslapio numeris
65 62 0039 CD 10 INT 10h ; i paskaiciuota vieta pastatom zymekli spausdinimui
66 63
67 64 ; spausdinimas
68 65 003B B4 09 MOV AH, 09h
69 66 003D BA 0002r LEA DX, ivsr+2
70 67 0040 CD 21 INT 21h
71 68
72 69 ; paspausti bet koki klavisa

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73      70 0042 B4 07      MOV AH, 07h
74      71 0044 CD 21      INT 21h
75      72
76      73      ; iseiti is programos
77      74 0046 B4 4C      MOV AH, 4ch
78      75 0048 CD 21      INT 21h
79      76
80      77 004A      programa ENDS
81      78
82      79      END START
83  FF
84  Symbol Table
85
86
87  Symbol Name      Type      Value
88
89  ??DATE            Text      "12/14/08"
90  ??FILENAME        Text      "ASM_KST5"
91  ??TIME            Text      "23:27:02"
92  ??VERSION         Number  0200
93  @CPU              Text      0101h
94  @CURSEG           Text      PROGRAMA
95  @FILENAME         Text      ASM_KST5
96  @WORDSIZE         Text      2
97  DU                Byte      DUOMENYS:001B
98  IVSR              Byte      DUOMENYS:0000
99  PRANESIMAS        Byte      DUOMENYS:001C
100 START            Near      PROGRAMA:0000
101
102 Groups & Segments      Bit Size Align  Combine Class
103
104 DUOMENYS              16 002F Para      none
105 PROGRAMA              16 004A Para      none
106 STEKAS                16 0100 Para      Stack
107  FF

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