

Marcin Sawczuk 303163, zajęcie 4

```
marcin@Inspiron-5570: ~/Pulpit/PMiM/Lab 5
Plik Edycja Widok Wyszukiwanie Terminal Pomoc
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 5$ as --defsym FUNC_V1=1 -o lab_4.o lab_4.s
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 5$ ld -o lab_4 lab_4.o
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 5$ ./lab_4
00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
10 11 12 13 14 15 16 17 18 19 1A 1B 1C 1D 1E 1F
20 21 22 23 24 25 26 27 28 29 2A 2B 2C 2D 2E 2F
30 31 32 33 34 35 36 37 38 39 3A 3B 3C 3D 3E 3F lab_4.s
40 41 42 43 44 45 46 47 48 49 4A 4B 4C 4D 4E 4F
50 51 52 53 54 55 56 57 58 59 5A 5B 5C 5D 5E 5F
60 61 62 63 64 65 66 67 68 69 6A 6B 6C 6D 6E 6F
70 71 72 73 74 75 76 77 78 79 7A 7B 7C 7D 7E 7F
80 81 82 83 84 85 86 87 88 89 8A 8B 8C 8D 8E 8F
90 91 92 93 94 95 96 97 98 99 9A 9B 9C 9D 9E 9F
A0 A1 A2 A3 A4 A5 A6 A7 A8 A9 AA AB AC AD AE AF
B0 B1 B2 B3 B4 B5 B6 B7 B8 B9 BA BB BC BD BE BF
C0 C1 C2 C3 C4 C5 C6 C7 C8 C9 CA CB CC CD CE CF
D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 DA DB DC DD DE DF
E0 E1 E2 E3 E4 E5 E6 E7 E8 E9 EA EB EC ED EE EF
F0 F1 F2 F3 F4 F5 F6 F7 F8 F9 FA FB FC FD FE FF
.ascii "00" # hex code string
0xBE # hex string
0xCAFE # "0x0000000000000000" # big hex code string
0xDEADBABE
0xFEEDBEEFDEAD2BAD # new line
marcin@Inspiron-5570:~/Pulpit/PMiM/Lab 5$
.byte 0 # hex variable

.ifdef FUNC_V2
hex_digits:
.byte '0','1','2','3','4','5','6','7','8','9','A','B','C','D','E','F'
.endif

.ifdef FUNC_V3
hex_digits:
.ascii "00","01","02","03","04","05","06","07"
.ascii "08","09","0A","0B","0C","0D","0E","0F"
.ascii "10","11","12","13","14","15","16","17"
.ascii "18","19","1A","1B","1C","1D","1E","1F"
.ascii "20","21","22","23","24","25","26","27"
.ascii "28","29","2A","2B","2C","2D","2E","2F"
.ascii "30","31","32","33","34","35","36","37"
```