

Princeton University

COS 217: Introduction to Programming Systems

Assembler Assignment: 03directive.s Data Section

Location	Contents (hex)	Contents (bin)	Generated by
-----	-----	-----	-----
[0]	68	01101000	.ascii "hello\t", "cs217\n"
[1]	65	01100101	
[2]	6c	01101100	
[3]	6c	01101100	
[4]	6f	01101111	
[5]	09	00001001	
[6]	63	01100011	
[7]	73	01110011	
[8]	32	00110010	
[9]	31	00110001	
[10]	37	00110111	
[11]	0a	00001010	
[12]	61	01100001	.asciz "assignment5\n"
[13]	73	01110011	
[14]	73	01110011	
[15]	69	01101001	
[16]	67	01100111	
[17]	6e	01101110	
[18]	6d	01101101	
[19]	65	01100101	
[20]	6e	01101110	
[21]	74	01110100	
[22]	35	00110101	
[23]	0a	00001010	
[24]	00	00000000	
[25]	00	00000000	.skip 1
[26]	01	00000001	.byte 1, 2, 3
[27]	02	00000010	
[28]	03	00000011	
[29]	00	00000000	.align 2
[30]	00	00000000	.half 4, 5
[31]	04	00000100	
[32]	00	00000000	
[33]	05	00000101	
[34]	00	00000000	.align 4
[35]	00	00000000	
[36]	00	00000000	.word 6
[37]	00	00000000	
[38]	00	00000000	
[39]	06	00000110	