

Princeton University

COS 217: Introduction to Programming Systems

Assembler Output for 10symbol+.s

Symbol Table:

Label	Section	Offset	Local/Global	Sequence #
label0	data	0	local	0
label1	data	2	global	1
label2	text	0	global	2
label3	?	?	global	3
label4	?	?	global	4

Data Section:

Offset	Contents	Generated By
0	00	.byte 0
1	00	.align 2
2	00	.half 0
3	00	

Text Section:

Offset	Contents	Generated By	Explanation
0-3	86 00 40 02	add %r1,%r2,%r3	10 00011 000000 00001 0 00000000 00010 op rd op3 rs1 i unused rs2
4-7	10 80 00 00	ba label3	00 0 1000 010 ?????????????????????? op a cond disp22
8-11	10 80 00 00	ba label4	00 0 1000 010 ?????????????????????? op a cond disp22

Relocation Entries for Data Section:

(None)

Relocation Entries for Text Section:

Offset	Relocation Type	Label Sequence #	Addend
4	R_SPARC_WDISP22	3 (label3)	0
8	R_SPARC_WDISP22	4 (label4)	0