

Princeton University

COS 217: Introduction to Programming Systems

Assembler Assignment: 11p2branch.s Text Section

Offset	Contents Hex	Contents Binary	Generated by	Explanation
-----	-----	-----	-----	-----
[0]	10	00010000	ba label	00 0 1000 010 00000000000000000001110
[1]	80	10000000		op a cond op2 disp22 (14)
[2]	00	00000000		
[3]	0e	00001110		
[4]	01	00000001	nop	00 00000 100 00000000000000000000000
[5]	00	00000000		op rd op2 imm22
[6]	00	00000000		
[7]	00	00000000		
[8]	02	00000010	be label	00 0 0001 010 00000000000000000001100
[9]	80	10000000		op a cond op2 disp22 (12)
[10]	00	00000000		
[11]	0c	00001100		
.				
.				
.				
[88]	22	00100010	be,a label	00 1 0001 010 1111111111111111111000
[89]	bf	10111111		op a cond op2 disp22 (-8)
[90]	ff	11111111		
[91]	f8	11111000		
.				
.				
.				

Copyright © 2003 by Robert M. Dondero, Jr.