

CMPE140 – Laboratory Assignment 2 Test Log

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Single step through the execution of the given MIPS instructions, observe and record the following values in the test log table below:

- the actual machine code of each instruction executed
- contents of the program counter (PC) and the relevant registers
- contents of memory at location 80 and 84.

Adr	Expected Machine Code	Actual Machine Code	PC	Registers					Memory Content	
				\$v0	\$v1	\$a0	\$a1	\$a3	[80]	[84]
00	20020005	20020005	04	5	0	0	0	0	0	0
04	2003000c	2003000C	08	5	C	0	0	0	0	0
08	2067fff7	2067FFF7	0C	5	C	0	0	3	0	0
0c	00e22025	00E22025	10	5	C	7	0	3	0	0
10	00642824	00642824	14	5	C	7	4	3	0	0
14	00a42820	00A42820	18	5	C	7	B	3	0	0
18	10a7000a	10E5000A	1C	5	C	7	B	3	0	0
1c	0064202a	0064202A	20	5	C	0	B	3	0	0
20	10800001	10040001		-----SKIPPED-----						
24	20050000	20050000	28	5	C	0	B	3	0	0
28	00e2202a	00E2202A	2C	5	C	1	B	3	0	0
2c	00853820	00853820	30	5	C	1	B	C	0	0
30	00e23822	00E23822	34	5	C	1	B	7	0	0
34	ac670044	AC670044	38	5	C	1	B	7	7	0
38	8c020050	8C020050	3C	7	C	1	B	7	7	0
3c	08000011	08000011		-----SKIPPED-----						
40	20020001	20020001	44	7	C	1	B	7	7	0
44	ac020054	AC020054	48	7	C	1	B	7	7	7
48	08000000	08000000	00	7	C	1	B	7	7	7