|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Adr | Machine Code  for MARS | Machine Code  for MIPSASM | PC | Registers | | | | | Memory Content | |
| $v0 | $v1 | $a0 | $a1 | $a3 | [80] | [84] |
| 3000 | 0x20020005 | 0x20020005 | 0x00003000 | 0x00000007 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000007 | 0x00000000 | 0x00000000 |
| 3004 | 0x2003000c | 0x2003000c | 0x00003004 | 0x00000005 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000007 | 0x00000000 | 0x00000000 |
| 3008 | 0x2067fff7 | 0x2067fff7 | 0x00003008 | 0x00000005 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000007 | 0x00000000 | 0x00000000 |
| 300c | 0x00e22025 | 0x00e22025 | 0x0000300c | 0x00000005 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000003 | 0x00000000 | 0x00000000 |
| 3010 | 0x00642824 | 0x00642824 | 0x00003010 | 0x00000005 | 0x0000000c | 0x00000007 | 0x0000000b | 0x00000003 | 0x00000000 | 0x00000000 |
| 3014 | 0x00a42820 | 0x00a42820 | 0x00003014 | 0x00000005 | 0x0000000c | 0x00000007 | 0x00000004 | 0x00000003 | 0x00000000 | 0x00000000 |
| 3018 | 0x10a7000a | 0x10e5000a | 0x00003018 | 0x00000005 | 0x0000000c | 0x00000007 | 0x0000000b | 0x00000003 | 0x00000000 | 0x00000000 |
| 301c | 0x0064202a | 0x0064202a | 0x0000301c | 0x00000005 | 0x0000000c | 0x00000007 | 0x0000000b | 0x00000003 | 0x00000000 | 0x00000000 |
| 3020 | 0x10800001 | 0x10040001 | 0x00003020 | 0x00000005 | 0x0000000c | 0x00000000 | 0x0000000b | 0x00000003 | 0x00000000 | 0x00000000 |
| 3024 | 0x20050000 | 0x20050000 | Not Taken | Not Taken | Not Taken | Not Taken | Not Taken | Not Taken | Not Taken | Not Taken |
| 3028 | 0x00e2202a | 0x00e2202a | 0x00003028 | 0x00000005 | 0x0000000c | 0x00000000 | 0x0000000b | 0x00000003 | 0x00000000 | 0x00000000 |
| 302c | 0x00853820 | 0x00853820 | 0x0000302c | 0x00000005 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000003 | 0x00000000 | 0x00000000 |
| 3030 | 0x00e23822 | 0x00e23822 | 0x00003030 | 0x00000005 | 0x0000000c | 0x00000001 | 0x0000000b | 0x0000000c | 0x00000000 | 0x00000000 |
| 3034 | 0xac670044 | 0xac670044 | 0x00003034 | 0x00000005 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000007 | 0x00000007 | 0x00000000 |
| 3038 | 0x8c020050 | 0x8c020050 | 0x00003038 | 0x00000005 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000007 | 0x00000007 | 0x00000000 |
| 303c | 0x08000c11 | 0x08000011 | 0x0000303c | 0x00000007 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000007 | 0x00000007 | 0x00000000 |
| 3040 | 0x20020001 | 0x20020001 | Not Taken | Not Taken | Not Taken | Not Taken | Not Taken | Not Taken | Not Taken | Not Taken |
| 3044 | 0xac020054 | 0xac020054 | 0x00003044 | 0x00000007 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000007 | 0x00000007 | 0x00000000 |
| 3048 | 0x08000c00 | 0x08000000 | 0x00003048 | 0x00000007 | 0x0000000c | 0x00000001 | 0x0000000b | 0x00000007 | 0x00000007 | 0x00000007 |

**CMPE200 – Assignment 2 Test Log**