2001fffc 001000 00000 00001 1111111111111100 addi r1, r0, -4 r1 = -4

20220006 001000 00001 00010 0000000000000110 addi r2, r1, 6 r2 = 2

200f0002 001000 00000 01111 0000000000000010 addi r15, r0, 2 r15 = 2

11e20002 000100 01111 00010 0000000000000010 beq r15, r2, [2] skip to add r3 …

20100003 001000 00000 10000 0000000000000011 addi r16, r0, -4 r16 = 3 SKIP

2011000a 001000 00000 10001 0000000000001010 addi r17, r0, 10 r17 = 10 SKIP

00221820 000000 00001 00010 00011 00000 100000 add r3, r1, r2 r3 = -2

00422020 000000 00010 00010 00100 00000 100000 add r4, r2, r2 r4 = 4

00442825 000000 00010 00100 00101 00000 100101 or r5, r4, r2 r5 = 6

34a6000a 001101 00101 00110 0000000000001010 ori r6, r5, 10 r6 = 14

00c53022 000000 00110 00101 00110 00000 100010 sub r6, r6, r5 r6 = 8

20470009 001000 00010 00111 0000000000001001 addi r7, r2, 9 r7 = 11

30a8000a 001100 00101 01000 0000000000001010 andi r8, r5, 10 r8 = 2

8000011 000010 00000000000000000000 010001 j address[17] skip to and, r9, r3, r4

20100003 001000 00000 10000 0000000000000011 addi r16, r0, -4 r16 = 3 SKIP

2011000a 001000 00000 10001 0000000000001010 addi r17, r0, 10 r17 = 10 SKIP

2012000f 001000 00000 10010 0000000000001111 addi r18, r0, 15 r18 = 10 SKIP

00644824 000000 00011 00100 01001 00000 100100 and r9, r3, r4 r9 = 4

00a45026 000000 00101 00100 01010 00000 100110 xor r10, r5, r4 r10 = 2

00c71027 000000 00110 00111 00010 00000 100111 nor r2, r6, r7 r2 = -12

0043402a 000000 00010 00011 01000 00000 101010 slt r8, r2, r3 r8 = 1

29240003 001010 01001 00100 0000000000000011 slti r4, r9, 3 r4 = 0

ac070004 101011 00000 00111 0000000000000100 sw r7, 4(0) 4(0) = 11

8c030004 100011 00000 00011 0000000000000100 lw r3, 4(0) r3 = 11

00620820 000000 00011 00010 00001 00000 100000 add r1, r3, r2 r1 = -1