Zainab Hussein

Number 3.

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| --- | --- | --- | --- |
|  | HEX | BINARY |  |
| I | 20080000 | 001000 00000 01000 0000000000000000  addi ----- 0 ----- 8 ------------ 0 | addi $t0, $0, 0 |
| II | 20090001 | 001000 00000 01001 0000000000000001  addi ----- 0 ----- 9------------ 1 | addi $t1, $0, 1 |
| III | 0089502A | 000000 00100 01001 01010 00000 101010  ------------ 4 ----- 9 ----- A ----- 0 ----- 42 | legend: slt $t2, $a0, $t1 |
| IV | 15400003 | 000101 01010 00000 0000000000000011  bne ------A ----- 0 ----------- 3 | bne $t2, $0, end |
| V | 01094020 | 000000 01000 01001 01000 00000 100000  ------------ 8 ----- 9 ------ 8 ---- 0 ------ 32 | add $t0, $t0, $t1 |
| VI | 21290002 | 001000 01001 01001 0000000000000010  addi ----- 9 ----- 9 ------------- 2 | addi $t1, $t1, 2 |
| VII | 08100002 | 000010 00000100000000000000000010  j ----------- 0x100002 | j legend |
| VIII | 01001020 | 000000 01000 00000 00010 00000 100000  ------------ 8 ---- 0 ------2 ----- 0 ------ 32 | end: add $v0, $to, $0 |
| IX | 03E00008 | 000000 11111 00000 00000 00000 001000  ------------ 31---- 0 ----- 0 ----- 0 ------ 8 | jr $ra |