Now on instruction 0

In Hex: 022DA822

In Binary: 00000010001011011010100000100010

Opcode: 0

rs: 17

rt: 13

R-Format

rd: 21

shamt: 0

funct: 34

RESULT: 7A060 Sub $21, $17, $13

--------------------------------------------------------

Now on instruction 1

In Hex: 8EF30018

In Binary: 10001110111100110000000000011000

Opcode: 35

rs: 23

rt: 19

I-Format

PC Offset: 24

RESULT: 7A064 lw $19, 24($23)

--------------------------------------------------------

Now on instruction 2

In Hex: 12A70004

In Binary: 00010010101001110000000000000100

Opcode: 4

rs: 21

rt: 7

I-Format

PC Offset: 4

RESULT: 7A068 beq $7, $21, Address 7A07C

--------------------------------------------------------

Now on instruction 3

In Hex: 02689820

In Binary: 00000010011010001001100000100000

Opcode: 0

rs: 19

rt: 8

R-Format

rd: 19

shamt: 0

funct: 32

RESULT: 7A06C Add $19, $19, $8

--------------------------------------------------------

Now on instruction 4

In Hex: AD930018

In Binary: 10101101100100110000000000011000

Opcode: 43

rs: 12

rt: 19

I-Format

PC Offset: 24

RESULT: 7A070 sw $19, 24($12)

--------------------------------------------------------

Now on instruction 5

In Hex: 02697824

In Binary: 00000010011010010111100000100100

Opcode: 0

rs: 19

rt: 9

R-Format

rd: 15

shamt: 0

funct: 36

RESULT: 7A074 AND $15, $19, $9

--------------------------------------------------------

Now on instruction 6

In Hex: AD8FFFF4

In Binary: 10101101100011111111111111110100

Opcode: 43

rs: 12

rt: 15

I-Format

PC Offset: -12

RESULT: 7A078 sw $15, -12($12)

--------------------------------------------------------

Now on instruction 7

In Hex: 018C6020

In Binary: 00000001100011000110000000100000

Opcode: 0

rs: 12

rt: 12

R-Format

rd: 12

shamt: 0

funct: 32

RESULT: 7A07C Add $12, $12, $12

--------------------------------------------------------

Now on instruction 8

In Hex: 02A4A825

In Binary: 00000010101001001010100000100101

Opcode: 0

rs: 21

rt: 4

R-Format

rd: 21

shamt: 0

funct: 37

RESULT: 7A080 OR $21, $21, $4

--------------------------------------------------------

Now on instruction 9

In Hex: 158FFFF6

In Binary: 00010101100011111111111111110110

Opcode: 5

rs: 12

rt: 15

I-Format

PC Offset: -10

RESULT: 7A084 bne $15, $12, Address 7A060

--------------------------------------------------------

Now on instruction 10

In Hex: 8E59FFF0

In Binary: 10001110010110011111111111110000

Opcode: 35

rs: 18

rt: 25

I-Format

PC Offset: -16

RESULT: 7A088 lw $25, -16($18)

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