Dylan Thornhy

A. 91di x5,x6,3 x6 funct3 x5 addi

000000000011 00110 000 00101 001001

0x00330293

B. There one 12 bits for the [mmedicate

The range is 0-4095, goal different or -2048 to 2047

A. Lui XI, 0x 1700

Lending bits

Allows this to work

for bigger immediates

for bigger immediates

Jeadball is too

Take Variable.

There Ox Jeadball

Teadball is too

with looked

Think dichely.

There one of

This worked in the assembler

Tou could also do this, but man loading is

[ai x21, Cx91]

[xi x21, x21, 12

[xi x20, 0xdroad

[aid x20, x20, x21]

and then add

vori x20, x20, dx4fe to

re morke 0xdead beet

 I believe this would work.

The RISC-V resurces we were given
for not always work so I couldn't
prove it, but with trading zeros
aspect, it should work

a. \$11: add: x8, x0,3 # 2: add x9, x0, 10 110x Air in hex so its front \$ 4', 617, x8,x9, fogy Re I initially got this but when I bridged into an interpreter, it soul [b1+ x8, x9,-4 b. just one (#4) #5: 511; x20, x8,2 X8=0+3=3 x9=0+10=10 X8 = 3+326 bit yg< 4cart so it branches b/c we branch

before shieting by two.

be 24 or 0x18

the answer 13 blt x8, x9,-4, then we get sent back an instruction as 6010. 48 now = 12 and is bigger from 10 and thus would move on. It gets shifted to the left forice (mothiplied by 2) to now have x20=12,2=48.