

# Sign Extender

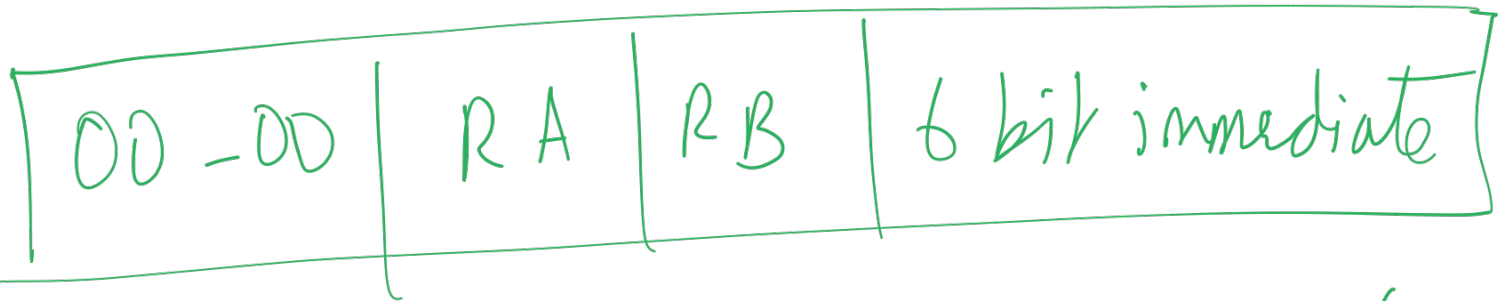
nikhil konigeri

SE-6-16

I type instruction format



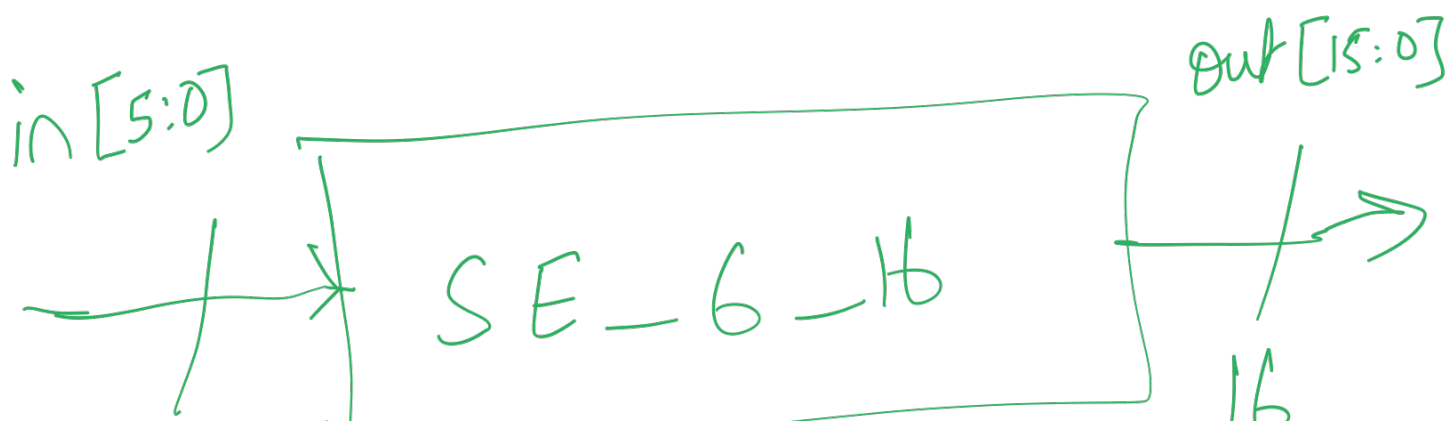
ADI



Add immediate adi, rb, ra, imm 6

$$ra = rb + imm 6$$

↓ sign extend to 16



6

pad 10 zeroes to left  
of input

Similarly SE-9-16.

