

Arithmetic Instructions: Immediates

001111000000001010000000000000101

op - rd immediate

6 bits 5 bits 5 bits 16 bits

I-Type

op	mnemonic	description
0xF	LUI rd, imm	$R[rd] = \text{imm} \ll 16$

ex: $r5 = 0x50000$ # LUI r5, 5

ex: LUI r5, 0xdead

 ORI r5, r5 0xbeef

What does $r5 = ?$

$r5 = 0xdeadbeef$