
COA Lab Assignment 10

Group 49 - Report

Instruction Format

Instruction : Bits

op : 2
rs : 5
rt : 5
func : 4
offset : 16

Encoding

Type	Instruction	op	func
Arithmetic	add	00	0000
	multu		0001
	mult		0010
	comp		0011
	addi		0100
	compi		0101

Logic	and	00	0110
	xor		0111
Shift	shll	00	1000
	shrl		1001
	shllv		1010
	shrlv		1011
	shra		1100
	shrav		1101
Memory	lw	01	0000
	sw		0001
Branch	b	10	0000
	br		0001
	bz		0010
	bnz		0011
	bcy		0100
	bncy		0101
	bs		0110
	bns		0111
	bv		1000
	bnv		1001
	Call		1010
	Ret		1011

