

Amanda Guimarães caixeta Silva - 2018020360

Breno Gomes de Oliveira Santos - 2018020042

Rodolfo de Albuquerque Lessa Villa Verde - 2018020719

Instrução	Opcode	Sinais de controle													
		RegW	RegDst		AluSrc	MemR	Imm		Desl	Branch	MemW	Jump	AluCnt		
ADD	00000	1	0	0	0	0	X	X	X	0	0	0	0	1	0
ADDI	00001	1	0	1	1	0	1	1	X	0	0	0	0	1	0
SUB	00010	1	0	0	0	0	X	X	X	0	0	0	0	1	1
AUIPC	00011	1	1	0	1	0	X	X	0	1	0	0	0	1	0
XOR	00100	1	0	0	0	0	X	X	X	0	0	0	1	0	0
XORI	00101	1	0	1	1	0	1	1	X	0	0	0	1	0	0
OR	00110	1	0	0	0	0	X	X	X	0	0	0	0	0	1
ORI	00111	1	0	1	1	0	1	1	X	0	0	0	0	0	1
AND	01000	1	0	0	0	0	X	X	X	0	0	0	0	0	0
ANDI	01001	1	0	1	1	0	1	1	X	0	0	0	0	0	0
BEQ	01010	0	X	X	0	0	1	1	1	1	0	0	0	1	1
BLT	01011	0	X	X	0	0	1	1	1	1	0	0	0	1	1
BGE	01100	0	X	X	0	0	1	1	1	1	0	0	0	1	1
SLT	01101	1	0	0	0	0	X	X	X	0	0	0	1	0	1
SLTI	01110	1	0	1	1	0	1	1	X	0	0	0	1	0	1
LB	01111	1	0	1	1	1	0	1	X	0	0	0	0	1	0
LH	10000	1	0	1	1	1	1	0	X	0	0	0	0	1	0
LW	10001	1	0	1	1	1	1	1	X	0	0	0	0	1	0
SB	10010	0	0	1	1	0	0	1	X	0	1	0	0	1	0
SH	10011	0	0	1	1	0	1	0	X	0	1	0	0	1	0
SW	10100	0	0	1	1	0	1	1	X	0	1	0	0	1	0
JAL	10101	0	0	1	X	0	1	1	X	0	0	1	X	X	X
JALR	10110	1	0	1	1	0	1	1	X	0	0	1	0	1	0
ECALL	10111														
BREAK	11000														

ALUCNT	000	001	010	011	100	101
Function	A&B	A B	A+B	A-B	A^B	SLT