OPCODE	FUNC 1	FUNO 7	INICTOLICTION	TVDE	IE ID EV	MEM WD	Da alleita	Mara Ta Da a	Marra Marita Marra Dan	d Dana ah Dali	Dranah OD /	1110 4111	\.			
	FUNC 3	FUNC 7	INSTRUCTION	TYPE	IF ID EX		Regwrite	MemToReg	MemWrite MemRea		BranchOP A					
0110111	-	-	LUI	U	XXX	X	1	01	0	-	X	1 10				4
0010111	-	-	AUIPC	U	XXX	X	1	01		1	011	1 00		< special branch op	< branch do it =	1 para
1101111	-	-	JAL	J	XXX	X	1			1	010	1 00	_		entrar pc na ula	
1100111	000	-	JALR	I	XXX	X	1			1	010	1 00				
1100011	000	-	BEQ	В	XXX		0	X			000	1 00				
1100011	001	-	BNE	В	XXX		0	X		1 1	001	- 00				
1100011	100	-	BLT	В	XXX		0	X			100	1 00	_			
1100011	101		BGE	В	XXX			X	-		101	- 1				
1100011	110	-	BLTU	В	XXX		0	X			110	1 00				
1100011	111		BGEU	B	XXX	v v	1	00		1 0	111 X	1 00				
0000011	000	-	LB LH	<u> </u>	XXX		1		<u> </u>	1 0	X					
0000011		-	LH	<u>'</u>	XXX		1	00		1 0	X	1 00				
	010	-	LBU	<u>'</u>	XXX		1			1 0	X	1 00				
0000011	100	-	THO	<u> </u>	X X X		1	00		1 0	X	1 00				
0100011	000		SB	S	XXX		0	X	-	0 0	X	1 00				
0100011	000		SH	S S	XXX		0	X		0 0	X	1 00				
0100011	001		SW	S	XXX		0	X		0 0	X	1 00				
			ADDI		XXX	X	1	01		0 0	X	1 00				
0010011	000	<u> </u>	SLTI	<u>'</u> 	XXX	X	1			0 0	X	1 00				
0010011	010		SLTIU	<u>'</u> 	XXX	X	1	01		0 0	X	1 00				
0010011	100	-	XORI	- '-	XXX	X	1	01		0 0	x	1 01				
0010011	110	-	ORI	<u>'</u>	XXX	X	1	01		0 0	x	1 10				
0010011	111	-	ANDI	<u>'</u>	XXX	X	1	01	-	0 0	x	1 10				
0010011	001	0000000		<u>'</u>	XXX	X	1			0 0	X	1 00				
0010011	101	0000000		<u> </u>	XXX	X	1	01		0 0	X	1 01				
0010011	101	0100000		<u> </u>	XXX	X	1			0 0	X	1 01				
0110011	000	0000000		R	XXX	X	1	01		0 0	X	0 00				
0110011	000	0100000		R	XXX	X	1	01		0 0	X	0 00				
0110011	001	0000000		R	XXX	X	1	01		0 0	X	0 00	_			
0110011	010	0000000		R	XXX	X	1	01		0 0	X	0 00				
0110011	011	0000000		R	x x x	Х	1	01		0	X	0 01				
0110011	100	0000000	XOR	R	x x x	х	1	01	0	0	x	0 01				
0110011	101	0000000		R	x x x	X	1	01		0	X	0 01				
0110011	101	0100000		R	x x x	Х	1	01	0	0	Х	0 01				
0110011	110	0000000		R	x x x	х	1	01		0	Х	0 10				
0110011	111	0000000	AND	R	x x x	х	1	01	0	0	Х	0 10				