Assembly	Field Values						Machine Code				
	$imm_{11:5}$	rs2	rs1	funct3	$imm_{4:0}$	op	$imm_{11:5}$	rs2	rs1	funct3	$imm_{4:0}$
sw t2, -6(s3) sw x7, -6(x19)	1111 111	7	19	2	11010	35	1111 111	00111	10011	010	11010	01
sh s4, 23(t0) sh x20,23(x5)	0000 000	20	5	1	10111	35	0000 000	10100	00101	001	10111	01
sb t5, 0x2D(zero) sb x30,0x2D(x0)	0000 001	30	0	0	01101	35	0000 001	11110	00000	000	01101	01
	7 bits	5 bits	5 bits	3 bits	5 bits	7 bits	7 bits	5 bits	5 bits	3 bits	5 bits

$imm_{4:0}$	op	
11010	010 0011	**(0xFE79AD23)**
10111	010 0011	**(0x01429BA3)**
01101	010 0011	**(0x03E006A3)**
5 bits	7 bits	