

31:25		24:20		19:15		14:12		11:7		6:0		
funct7		rs2	rs1	funct3		rd		op		R-Type		
imm <sub>11:0</sub>			rs1	funct3		rd		op		I-Type		
imm <sub>11:5</sub>		rs2	rs1	funct3		imm <sub>4:0</sub>		op		S-Type		
imm <sub>12,10:5</sub>		rs2	rs1	funct3		imm <sub>4:1,11</sub>		op		B-Type		
imm <sub>31:12</sub>						rd		op		U-Type		
imm <sub>20,10:1,11,19:12</sub>						rd		op		J-Type		
fs3	funct2	fs2	fs1	funct3		fd		op		R4-Type		
5 bits		2 bits		5 bits		5 bits		3 bits		7 bits		