

	Opcode[17:14]	13	12	11	10	9	8	7	6	5	4	3	2	1	0
AND	0000	DR				SR1				0	0	SR2			
ANDI	0001	DR				SR1				imm6 (two's complement)					
ADD	0010	DR				SR1				0	0	SR2			
ADDI	0011	DR				SR1				imm6 (two's complement)					
OR	0100	DR				SR1				0	0	SR2			
ORI	0101	DR				SR1				imm6 (two's complement)					
XOR	0110	DR				SR1				0	0	SR2			
XORI	0111	DR				SR1				imm6 (two's complement)					
LD	1000	DR				Address10									
ST	1001	SR				Address10									
JUMP	1010	Address14													
BEQ	1011	SR1				SR2				ADDR					
BGT	1100	SR1				SR2				ADDR					
BLT	1101	SR1				SR2				ADDR					
BGE	1110	SR1				SR2				ADDR					
BLE	1111	SR1				SR2				ADDR					

Göksel Tokur 150116049

Ertuğrul Sağdıç 150116061

Furkan Aras 150116019