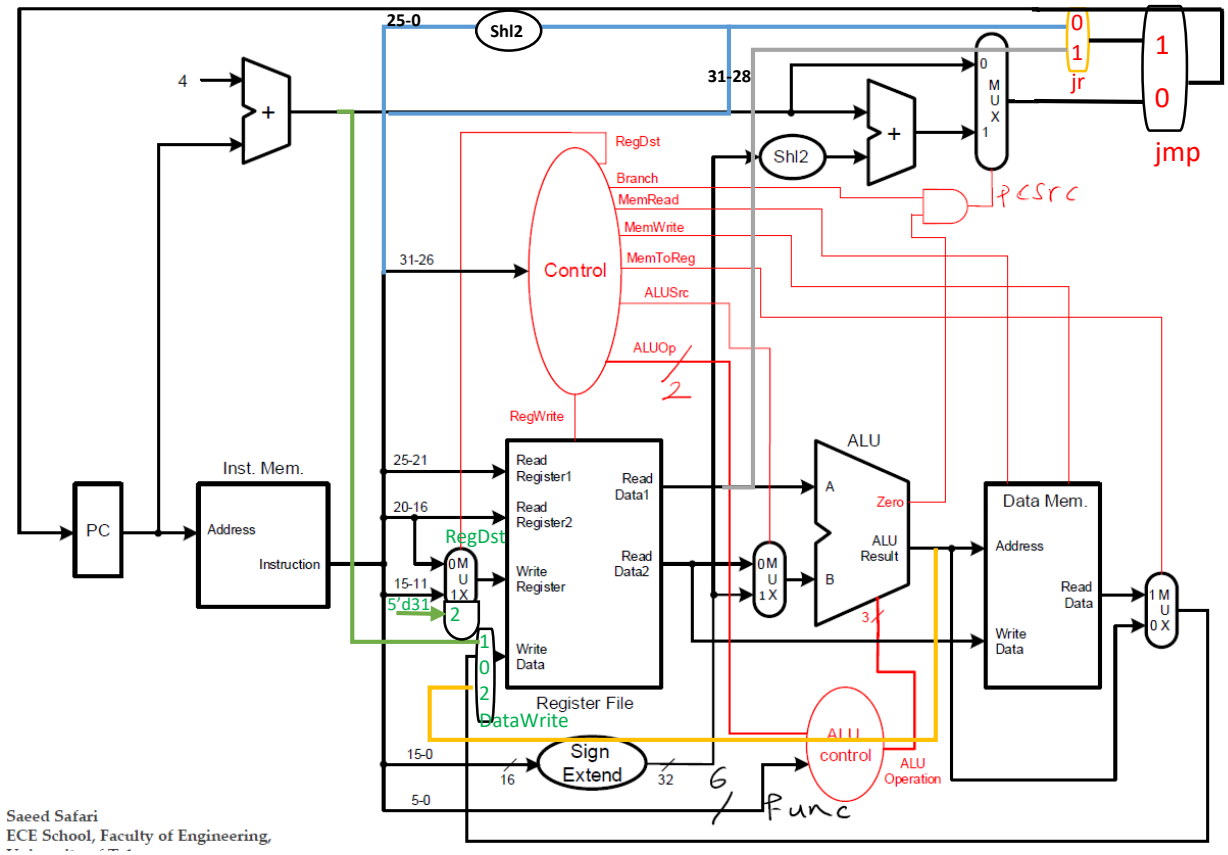
Kianoush Arshi 810198438 MohammadTaha Fakharian 810198449 CA2



	RegDst	RegWrite	AluSrc	MemRead	MemWrite	MemToReg	Branch	ALUop	Jmp
RT	1	1	0	0	0	0	0	10	0
lw	0	1	1	1	0	1	0	00	0
sw	X	0	1	0	1	X	0	00	0
beq	X	0	0	0	0	X	1	01	0
addi	**00**	**1**	**1**	**0**	**0**	**0**	**0**	**00**	0
j	**00**	**0**	**0**	**0**	**0**	**0**	**0**	**00**	1
jal	**10**	**1**	**0**	**0**	**0**	**0**	**0**	**00**	1
jr (jr = 1)	**00**	**0**	**0**	**0**	**0**	**0**	**0**	**00**	1
slt	**01**	**1**	**0**	**0**	**0**	**0**	**0**	**10**	0
slti	**00**	**1**	**1**	**0**	**0**	**0**	**0**	**11**	0

For jal and (slt & slti), new signal data_to_write is added and is set at 1 and 2 respectively.