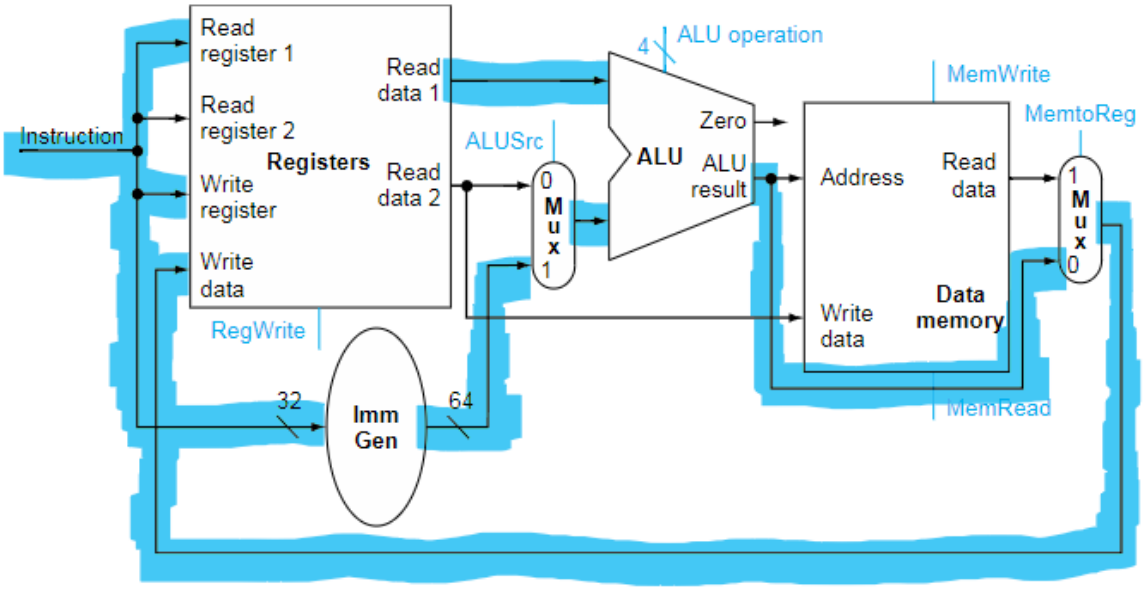
1.



3 a.

Instruction that writes the register	Instruction that reads the register	The register
li x10,0	beq x10,x11,exit	x10
add x11,x6,-2	beq x10,x11,exit	x11
addi x12,x10,1	lw x8,a(x12)	x12
li x10,0	lw x7,a(x10)	x10
li x10,0	addi x12,x10,1	x10
lw x7,a(x10)	add x9,x7,x8	x7
lw x8,a(x12)	add x9,x7,x8	x8
li x10,0	lw x9,a(x10)	x10