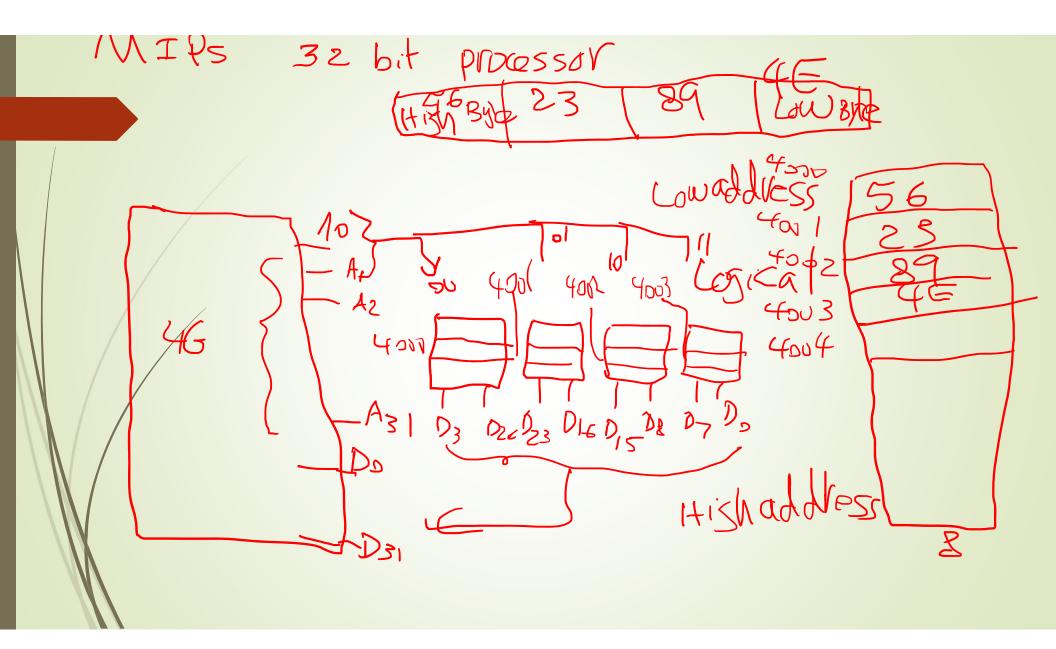
EGC442 Class Notes 2/10/2023

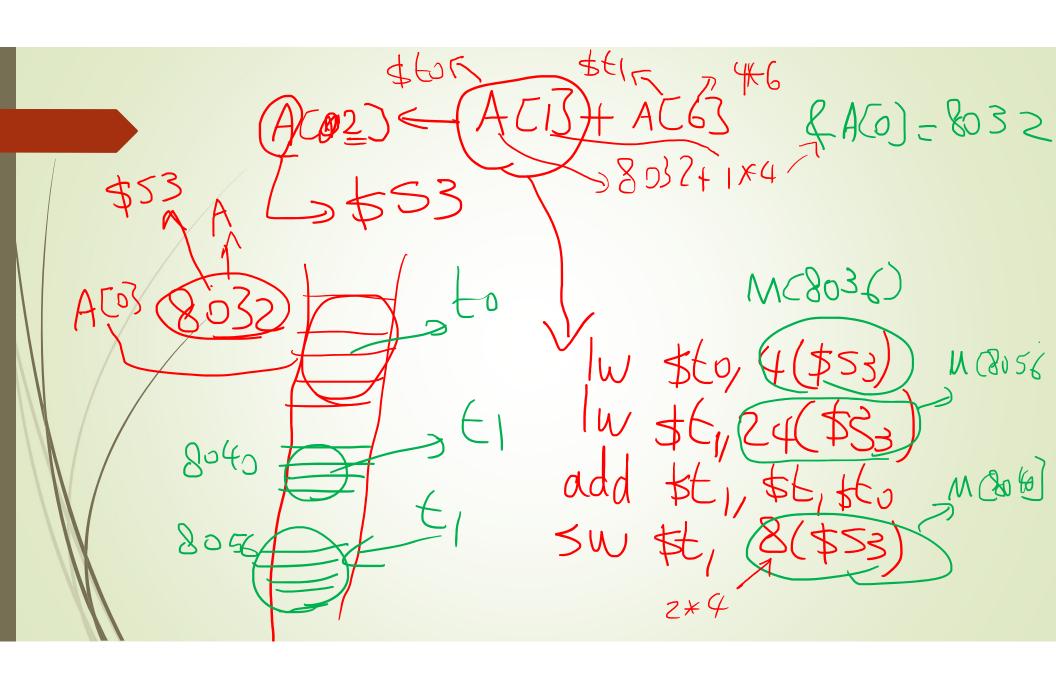
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* aldles E addrey E Collient * D+r + Assume \$3 has 5000, and words addressed 5000..5002 have the data shown: \$53=5000 5000, 99 > Value on Conten 5001:77 BR12 \$53+2 5002 5002: 323 What address will be computed by: \$ C = B ? 3 2) What value will be put in \$t0 by: lw \$t0, 0(\$s3) ,500N 503 5002 5003 500 4 ΛΝ 37 What value will be put in \$t1 by: lw \$t1, 2(\$s3) 5005 4) Assume \$s2 has 5001. What value will be put in \$t2 by: 1w \$2, 1(\$s2) 2 = M(502 - 50) 50 X 23 4 E 11 E2 50 5000 00 00

Mem Mit = Word = 32 bits ox 1234 ABCD word 500 0 500 Sac ЭX 4 101 OXC 6003 5004 500 X 500 A(z) 5008 $pa_{3}, 4(\$s_{3})$ W 500B

 $A[0] \land (AG) \land$ A[0] 0×5000 =H(1)0X 500 S 0×5008 37



(w \$r£, d16(\$rs) \$rt < m[\$rs+d(6) SW \$rt, d16(\$rs) \$Ft -> ME\$rst 216)

•If \$s3 has 900, \$t0 has 77, and memory locations 900, 904, and 908 have 10, 15, 20 respectively, what do those locations have after the following instruction?

sw \$t0, 4(\$s3)

20 6,0 U

900 D

908 20

23) Which MIPS instruction does the following represent?

sub tz, to, t,

ор	rs	rt	rd	shamt	funct
6 bits	5 bits	5 bits	5 bits	5 bits	6 bits

ор	rs	rt	rd	shamt	funct
0	8	9	10	0	34
	Eo				
		セノ	tz	_	