individualAssign1.txt

Proc2.5 Line # 7 MIPS Instruction: addi \$50, \$200, -15 I'type instriction Opcode: 0x8 = 01000 rs = \$ zero = 00000 rt=\$50 = 16 = 10000 inter =-15 = 01111+11= 10000 >00000000000000000 Machine Cade: 0x 40200010 Oprade: 01000 = 0x8 rs = 00000 = \$200 rt=10000=\$50 inten = 0000000000010000 =-15 MIPS Rep. CFUI): addi \$50,\$700,-15 Line # 14 MIPs Instruction: SIt \$60, \$50, \$51 'R' type instruction Oprode: 0x00000; Function: 0x2a = 0010 1010 > 101010 rs = \$50 = 16 = 10000 rt=\$51 = 17 = 10001 rd=\$t0=8 = 01000 Shamt = NIL = 00000 Binary Rep CFUII): 00000 1000 1000 (01000 00000 1010 10 Machine Code: 0x0211402a Oprode: 00000 (A) rs=10000 = \$50 MIPs Instruction: Ste Sto, \$50 \$51 rt=10001 = \$51 rd= 01000 = \$t0 Shamf = 00000 = NIL Function = 101010 = 2a

MIB Instruction: BEQ \$60, \$2000, LEEQ
Change = 4 = 00100 Instruction type \*I' rs=\$60 = 8 = 01000 Invalide = LEEQ = 0x00000006 = 00000000000000110 Machine Code: 0x11000006 Oprode = 00100 = 04 rs=01000=8=\$60 rt = 00000= 0 = \$ zero MIPs Instruction: Beg \$60, \$ sero, LEEQ Line#20 MIB Instruction: j GRT Opcode = 0x2 =00 00 to

Junphid = 0x004000 lc = 00000000 0100 0000 0000 0001 1100 Bray Rep. CFUID: 0000 100000 0100 0000 0000 0000 0001 11/ Machine Code: 0x 08100007 Oprode = 000010 = 0x2 = 0x004001C -> GRT MIPS Instruction: J GIRT