**addiu $s1,$zero,100**

**addiu $s2,$zero,250**

**exit:add $s1,$s1,$s1 #s1=s1+s1**

**slt $s6,$s1,$s2 #if s1<s2,s6=1**

**beq $s6,$zero,else #if s6=0,goto else**

**j exit**

**else:sub $s3,$s1,$s2**

**ori $s4,$s3,1**

**sw $s4 0($s1)**

**lw $s3 0($s2)**