Pan Changdan 516370710121 1. LOOP: slt \$t2,\$0,\$to bne \$t2,\$0.ELSE PONE addi \$52,\$52, 2 ELSE: addin \$to,\$to, 1 1009 DONE: 2. la \$50, 268435456 and; \$50, \$50, 16711680 3 a fib: addi \$ sp , \$ sp, -8. addi \$5p,\$5p,8 5W \$10, 4(\$5p) sw \$00, 0 (\$\$p) add \$50,\$0,\$00 bne \$50,\$0, elseit For n=5, there need 200 instructions add \$ vo, \$0,\$0_ addi \$5p,\$5p,8 jy sya addi \$to,\$0,1 elseif: bne \$50, \$to, else addi \$vo,\$0,1 addi \$5p,\$sp,8 jv sva addi \$00,\$00,4 else: addi \$to,\$0,0 jal fib < add \$vo, \$to, \$to addi \$00,\$00,7 Ladd \$ vo , \$ to , \$ to jal tib Lw \$00,01\$5p) tra. 41\$5P)

VE370 HWZ

```
b. addi $sp ,$sp ,-4
   - 5w $00,0($sp)
    add $ vo, $0,$0
LOOP: (w $50, 0($00)
      bea $50, $0, END
      addi $ to, $0, 48
      slt $t1, $t0, $50
      beg $t1, $0, ND
      addi $to, $0,58
      slt $t1, $50, $t0
      beg $t1, $0, NO
      addi $+0, $to, 10
      malt $10, $ to
      add $10,$10,$50
      addi $ 00, $ 00, 4
       i LOOP
 ND: addi $10, $0,7
 END:
7. 0 x 0 0 00 0011
& 2
9. 1, 1000
17. The immediate field will lose 4 bits and for 15 and re
   there will be 2 more bits
   beg $51,$52, 10, if[$5] = $52] PC=PC+4+4x10, I format
```