

+218+211+216+215+712+28+22+2 twos complement: 13) Ox CA50 = CA50 hex = 1/00/010/00/00002 (C) Ox FFF7 = FFF7 hox defect g of the 11 = [1+ CD) 0x001F = 001Fhex - 0000 0000 000 11112 = 31 0x FFF/=1111 111 01112 0xFFF7-0x000F = -9-31 = -40 ton = 111 111 1101 1000 (25 complement) \$19 \$0 Q20 = # 0,20 1/2 memory load to register, 1 \$19-\$0 \$17 0x04(\$19) => == Memory [1] 1/1/2 Memory load to \$17 +0,200 \$20,\$19,\$16=) \$20 = \$19 + \$16 \$20, 208(\$19) =) +E \$20 save +0 Memory [2] (B) addi \$1,\$0,0,20 = JE 0,20 9/£ memory loud to register, A \$19

add \$0,\$3,\$1 = JE Memory [1] Al Memory load to \$2 = \$0 + 0,20

bne \$0,\$1,loop \$0=\$3+\$1 base advex \$73 \$3 \$10 1 = if \$0 + \$1, \$1 branch to loop. - 1 8. bne \$to,\$zero, Loop (若\$to \$\$ branch)