Hw#2 D ECE 4300 Hysswy Hm 2.1) addi \$t0, \$52, -5
add \$50, \$51, \$t0 2.2) f = i + (9th); 2,3) sub \$60,\$53,\$54 s/1 \$t0,\$t0,2 add \$t0, \$56, \$t0 1W \$t1, 0 (\$t0) ddd \$t2, \$57,32 sw \$t1, 0(8t2) 1,4) 4= 4 (6)2; B(9) = A(f) + A [f+1];

sll \$to, \$50, 2 add \$60, 856, \$60 IN \$t] 48t0) add \$60; \$t1,\$t2 \$11 \$t1, \$s1, 2 ald \$t1,557,8t1
su \$t0,0\$613 (120 ()=itiOCh Der) { 289 it (Array CT) < Dray [mn_inds] nah Ndo=]; Jemp = Amy (montrale) Array Conn Indo] = Array [i]
Array (17 = Youp;

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2.7) Ox ab edef 12 Oxab Ox cd Oxet 02/2 4 Bytes 0: Oxlh 1: Oxæt 2: Oxæd LAHI-e : Oxab By 0 ! Oxah 1 : Oxef 2 : Oxef : 0012 Pho (\$53,2 1 \$ 50, 556 Abo 511 \$\frac{5}{4}1 \frac{5}{5}\phi, \frac{5}{5}\frac{5}{ add \$ £ 1 /5 to , \$ 61 11 \$63,32 odd \$63,\$57,\$63 5 w \$62,0\$63

3333

AM 2.10/ ACID = ACOD + ACID \$60 = 0,5000,0000 There has been no overton = 0x8000,0000 - 0x 0000,0000 = 0x8000 0000 + 0x 300 0 0000 = 0x000,0000 There is bod over How 0x 5000, 6000 + 0x 20000000 0 × 3 000, 00 00 ob) Hore Is no Ovadon

2,18,1) Overall size of R-74pe Instructions remain, 32 bids with adjustion foold sizes 12.2) Insdructor 8674 (5137 pt) but regreta fields herouse do 7 bits 18,3)- it could Norress the size by adding regions and hours wider Irdination - It could decrese tuto styla Instructus and now spainted Istrustures 2,21) 11520,-1 xor 8 t1, 8 t2, 8 t0 2.22) In \$t3,0(\$51) 511 \$t1, 9t3, 9

2.26) Fral value Of 1557 = 20 26.2) int 1= N? whry (120) & tomp #= 2; *B = tempi 26.3) 5N +1 whre (i 400) & 2,29) * rosult += Mem Amy (i) 1++;

238) 61000,0000 tt 0x1000,0010 0 x 1000 / 8000 = 0x / 122 33 84 Stores hypes hite Ox11 2,47) 70 % orth 20 % brush 10 lood /Dorp ×0,7 (.4 ×0,1 0,6 ×0,1 0,6 80,7 47.1) 47,2) 1.6.0,75= 1.18 0.775) 0.05 Cydos