2017 Final	Soru u	Ceropber 1
0 X; word 50 4 y: word 1924		Data segmentin baslangia adresi 0x1001000 olmok Jzen
* text		Jukaridaki kod sonlandipinda \$3,\$4 repisterlarinin
_start (vi \$5,0x1001 lw \$3,0[\$5] lw \$4,4[\$5] sub \$5,\$4,\$3	1/11	icerifi ne olur, 16:lik tebenda yazır y=10rh x=50
Sltz \$5, efikat add \$5,\$3,\$0 add \$3,\$4,\$0 add \$4,\$5,\$0 efikat: div \$3,\$4 mfhi \$5	1/12	#5 \$4 \$3 y-x y X +1. adm X X Y J 1014/50 1 29-m4hi
beq \$5,\$0, exit add \$3,\$4,\$0 add \$4,\$5,\$0 beq \$0,\$0,etilet	// 23	24 24 50 Jetrecte 1. Digs 1: 4 1 2 24 24 2 24 24 2 24 24
exit! done		$4 = 2 = 2.16^{\circ}$ $4 = 2 = 2.16^{\circ}$ $4 = 2 = 2.16^{\circ} + 8.16^{\circ}$ $4 = 2 = 2.16^{\circ} + 8.16^{\circ}$ $4 = 2 = 2.16^{\circ}$ $4 = 2 = 2.16^{\circ}$ $5 = 2 = 2.16^{\circ}$ $4 = 2 = 2.16^{\circ}$ $5 = 2 = 2.16^{\circ}$ $4 = 2 = 2.16^{\circ}$ $5 = 2 = 2.16^{\circ}$ $4 = 2 = 2.16^{\circ}$ $5 = 2 = 2.16^{\circ}$ $4 = 2 = 2.16^{\circ}$ $5 = 2 = 2.16^{\circ}$ $4 = 2.$

Language (2) a) Birinci kodunu hexodecimal olare yar sorudeti el tonutinun 2 Rt=\$4= 4 = 0100 > (1 = lw \$4,4(\$5) =) RtI(Rs) 1 = 4 = 0100 Volen + 1000 1166 666t tett min min min min 1010 0100 0000 0000 0000 0100 -) 1000 HOO 8 C A 4 0 0 0 4 + 0x8ca 40004 b) Birinci sorudati (2 Leomutumun tradunu hexadecimal alaral yaz Re=\$5=5=) 0101

I=4-1=3-) 02 bombondon
etilete kodor

0011 soyip 1 arbedik

Asoyi inerhen arbon + e2 = 6/12 \$5, etilet => Rs, I الماتما Olss sss0 0000 mi mi mil mil Yukarı piderken tupka 0100 1010 0000 0000 0000 0000 0011 4 A 0 0 0 0 3 7 0x 04A00003 c) (3 hometunum bodunu hexadecimal plant yaz

NOT la somete etikathen daha sasapida aldipenden be sefer yukar dapre protecepia.

+13 = beq \$0,\$0, ethet -> Rs, Rt, I

F

=) 0001 0000 0000 0000 0000 0000 0000 0110 1111 1111 1111 1001 0000 0000 0000 0000 1111 1111 1111 1010

+ 0×1000 FFFA

The TAL Instruction Set Assembly Language d) text segment 0x00400000 adresinder basladigina pore e3 hometinen adresini hexadecimal yez NOT 13'2 Lade 13 sater w 0 × 0 04000000 13×4=52 = --- 0 3.16 +416" 100 0x00400034 0x00400034 (3) Tet dugets koyan nottali says tensilini bullmarak topla, Someone hexadecimale GENTT. 56,125 +100 - 41-12+4 1100100 0,125+1=0,25 111000 0,15 + 2 = 0,5 -1 Gensini 0,5 * 2 = 1 111000,001 91,11000001 #25 Tansayıların bellekte 4 byte yar kapladığı disinilerek;

0-) Asspitation vari terrimlamatarini TAL'da yap

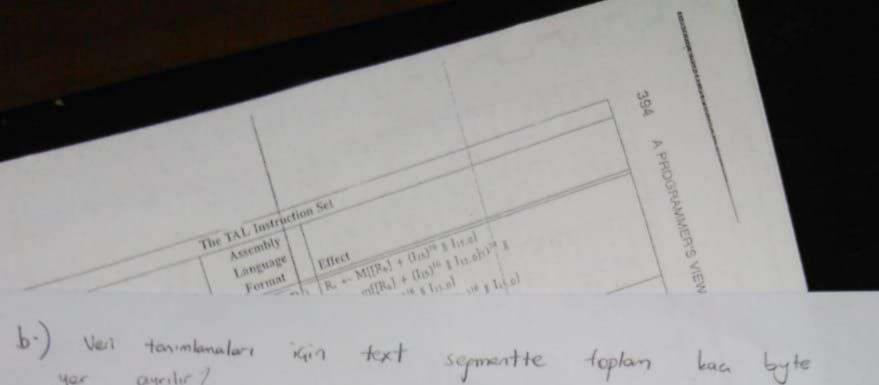
int i';
int A(64), int B(64);

a space 256 (word 0:64)

B space 256 (word 0:64)

Atternation

CELIM



b.) Veri tanimlanalari igin text segmentte toplan bac byte yer agests ?

> + 4 byte i; 256 byte A, 256 byte B =) 516 lyte

C-) Alo) elemaninin bellek udrasini hexadecimal poster a) baylanging 0 x 10010000 = 1 ACOJ - Oxiooloogy

d.) B[40] elemention bellet adresini hexadecimal poster 1+ AC64] + BC40] 4+256+160 = 420 -1.256+1016+4 1 A 4 + 0× 100101A4