Mid Ferm Avignment ofer con

Ruhul Amin 18-38001-2

D Name	0000	status	2	Number	A	status
Two words	1000	legal	381	246	8-	decimal
?1	5000	logal	1A	246h		hex
Two words	0003	illegal		100l 1,001		derimal
•@	2000	illegal	3	2434		hex
\$1.45	2000	legal		FFFEL	-	illegal
Let's go	वर्ति । भी	illegal	0	oAh	-	hex
7=		illegal		Bh		illegal
	2000.	3	B; cool	MOB	**	binary

(3) Ansi

W A DW 52

- b) words DW ?
- 9 DB 25h
- es DB?
- e) words DW 63336

- f) ARRAY1 DW 12,54,5
- 3) BELL EQU ORL
 - h) MSQ EQUITHIS A MESSAGES

Ruhul Amin 18-38001-2 Courtent Address 0000 MUMBOL T Z stekus 0001 Be 6002 11 Tool 0003 14 0004 Low E 0005 0006 \$0 co A: 0000 B': 0001 e:0003 1A 1) ARRAYS DW 12, WORDI 03 WARDS DW 6586

Ruhul Amin Instruction 18-38001-2 legal vom DS , AX Add 05, 10084 Mor ellegal; can't use seg register with an immediate vorable illegal ; segment poyerton court go MoV US, ES togethor MOV WI, DS legal Meyel x CHG W2, W2 SUB 6, B1 illegal illegal ADD 31, 32 illegal ADD AL, 256 illegal Mov w1, B1

Sub bx A

9

Mov Ax, a

MOV BX, b

SUB BX, AX

MOV AX,BX

mov Ax, A

Add an 1

neg ax

mor a,ax

mor ax, a

add ax, b

mov e, ax

mor ox, b

add ad, b

add ad, b

add ox, 7

mor b, ax

mov bx, b

sub bx, a

sup ba, 1

mor abx

755 10 004

181 m vold

of mor whil mov Ll, al int 21h

mov ah 1 mer II, al int 21h

not you in ; showing ver another regarded 1 a) code write;

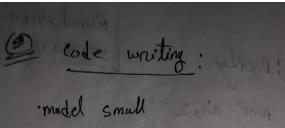
· stack look Sub at, odi ; then to me coling in brockguestabo substitution

my or oAH, odh," The sum of \$" var 16 ? 'and' vore db?, is! sum 16?, "5"

·lode

main Proc ; initialize duta seg to es. mor ds, ad

Reshul smen and builty of ; Dosplay ? to promet the user don input mur ah, 2 i Read decimal digits nov ah 12 M vom int 21h mor var, ed; storing ver another register of Code write. ; Input 2nd variable Add al, var · stack took Sub al, 30k; there is exerci coding in barekground so subtecting mor sum, al myg OK OAH, odh, "The sum of go ; Drsplay msg vores db? i is i lege da, mig mor whig int 21h mov ah, yeh main endp end main



Nord : Carpon

· streek 100h Dilb vom

msg 26 oAh, oDh, "Enter three initials: \$?

adb?

b db? In your

c 26?

· code your mon

main prove mov ad, a data mov ds, ax

; Desplay lones now ah 9 la da, msy int 21 h

; Tracking input

mov uh, 1; 1st input

int 21 h

mov a, ul

alo to

may aliz

112 tri

mor ah, 3; 3nd input
int 21 h
mor boal

int 21h

int 21h

int 21h

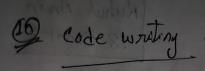
; Display Sunction mor ah,2 mov II, a int our ; line field ; par eart de pero mov ah, 2 mor Il, oth irt 21h mor dl, odh Int 21h sits von ; Dusplus 2nd connumber mor ah, 2 das von mor 21, b de to int ell hours vous j kms fee ; Line field mor aby 2 mov dl, oAh

int 21h de to

mor dl, odh

int 21 h

Ruhul Amin ; Oriselay mor ah, 2 thomas debung. mor U, C Nort Hooks. mol who yell int 21h main endp end main and de, and mor whit ist input



model small

· Stack losh

· data

msg Ib "Enter a her digit" ett. 3"

c db?

may 2 db 6Ah, odh, "In Leained it is: \$"

c2 16?

mor ad @ Juta mor ds, ax

int 21 h

input

mov ah, |

int 21 h

mov @,c, al

; calculation sub al, 21 h

pusplay output

mov ah, 9

ba da, msg2

int 21h

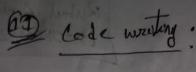
exit;

mov ah, 4e4

int 21h

min endo

end main



Ruhal Amin

- · model small
- · stack look
- · duta

msy dow oAh, odh, (***************************

'code

main Proc

mor ad, aduta; institutes data seg to ende segment

mov ds, ax ; Function 9 bon Just buying output strang

mov ahig

la da msq

int 21 h; output for 1st lime

, 2nd bol and your

int eth ; out not son don line

Ruhul Amen Tremov ah, gyelps white school ; white is the trans int 21h musn endp ; manner the week fore 9 that ship end main send of the was dimed lea drimselt (12) code writing ; Enter intent · model small · stack with mor ells al · deta msg 16 119 gm msgl 16 oAh, oAh, "MAKAMAKKKK" its to msg2 db, oAh, oah, "** \$" ch2 db? mor amg -ch3 16? "*** \$"

main Proc

mor ax, a duta; initiatize duta seg to rude segment mor ds, ax

; prompt the user for?

mov ah,2 mov dl, msg int alh

; Enter initials

mov ah, 1

int 24h

mov eh2, al

int 21h

mov eh2, al

int 2h

mov eh2, al

mov eh3, al

; output

mov ah, 9

lea dx, msq1

int 22 h

ist 21 h

lea da, msy 2 int 21 h lea da, msy I int 21 h

int 21 h

; pat Beep the counter mov ah, 2 mov dl, 24 int 21 h

exit:

mov ah, yeh

int 21h

main endp

end main