END	main.	
Q2:		
·data		
	msq1	BYTE "Value hound at index: ", O
	m5q2	BYTE "value not found in the corray!" O
	ans	DWORD 1, 2, 3, 4, 45, 6, 7, 8, 9, 10
	ansive	DW ORD 10
	val	Sward ?
	index	DUORD -1
	M593	DUDE 138TE "Enter integer value", O
	9	3

Q1:

·code main

main

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vom

call

Done:

exit

divisor

DWORD

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eax dividend

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edx, edx

oby, diviser

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ENDP



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	Date:/
· cock	
main PROC	
mou odx, Offset msg3	
all whitestring witeshing	
call KEADING Read Int	
mov val, eax	
INVOKE SECURD, OFFSET on, val, O	
cmp index, -1	
jue found	
mou edge, Offset msg2	
jmp exit Progress	
imp exiting rown	
fixed.	
mov ecta, Offset usq1	
rall writesting	1
mov eax, index	
all Colf	
exitleogram:	
exit	
main ENDP	15
Search PROC HEST USES POX elox ecx	, edu esi
gush elop	2.5
ma dop, esp	111
mov osi, lelop tiz]	\$.
nou ear, leby +8]	
mus 6/21 [6/25 +4].	. · · · · · · · · · · · · · · · · · · ·
eng esi, ansize	
jge God	
mou colx, (ebx, + esi*4]	
cong odr, ear	<u> </u>
ige ine nothound	
mou index, esi	
ing END.	
	RINT:



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~~~~	offruid:					
	mc es					
		secur	la, elox,	eax, esi		
	end.					<del>, , , , , , , , , , , , , , , , , , , </del>
	gup et	2				
	ret	`				
	Second END	·				
CIGO	Michael.			<del></del>		
<b>(1)</b>	ret	<b>②</b>	ret	(3)	ret	
	واح		ماده ماده		واله	
	mdex =0		mdex=1		mdex = 2	
	val = 153		401 = RE3		wil = 153	
	ar phr		on ph		cu sh	
					+	
					Cxx[2] = 3	
Q3:						
· dat		A		1		
	found )	BYTE &	10			
	msg1	BYTE	"Torget Shi	0," / pa		
	msg 2	BYTE	" Source Sh	ws:\ ", c	)	
	Hat	BALE	10) AND PON		·	
	len	DUPURD	3/			
	index	DODGO	0			
· code	2				(0.0	
mai	n PROC	\	\			***************************************
	mus ed	x, offs	et mage	1		
		/	\ \ \ \ \ \ \ \		\	Anti-off design as A
						PEN & F
				+5		
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Q3.
syeste BYTE "This is the source strong", 0 teagetsh BYTE DYPE DUP(0)
terpesh BYTE BYTE DUP(0)
targellen DWORD O
cale
mah PROC
mou est, offset such
more adi, Offset tergetshi
nextcher:
mov al, [osi]
comp ad, o
je done
pust osi
mou ess, viiser tergetstr
<b>S</b>
may oby, 0
cmb conto
je checkfamel
mou d. [esi]
cong al, Il
je found
inc esi
dec ecox
ing sacrolloge
Eund:
mov obx, 1
Speckfounds
bob esi
cmp dox, 1
je slejpChor
nou adi, [al]
inc edi
inc tagatlen. PRINTZ
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skigCha:	
inc esi	
imb mextoner	
dane:	
ine may BYTE PTA (edi),0	
MOU edy, OFFSST exesting sicstr	
call Write Storing	
cell City	
mou edy, Offset tagetsh	
call writestung	
cell Crlf	
exit	
main END	
END main.	
QY:	
·data	
meg 1 BYTE "Enter a string: ",0	
ingutsh BYTE 256 Dap(0)	
TOWER DOCKED & 1704(G)	
labels BYTE "aA", "eE", "iI", "00", "uU", 0	
msg2 BYTE "vowd count: ",0	
msq3 BYTE " = ",0	
MSY BYTE " or ", 0	
·code	
main PROC	
mov edr, Offset mg1	
call write Strang	
mu cola, OFFSET input Sh	
mon ear, STREOF input Str	
call Read Shing.	
mor esi, Offset inpulstr	
mou ech, o	
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	Date: _
count Yourds ,	
mou al, [esi]	
cong al, o	
je draglay Nos	
je drzplayflos mou edi, Offset labels	
May ebz, O	
check vouel:	
mos dl, [cdi]	
cmp dl, 0	1,
je nextcha	
comp al, dl	
je Found Vowel	
inc odi	
mou edi, dl (edi)	
je hund Youd	
je hund Youd	
inc odi	
inc elox	3772 57
jus checklowel	
found Vousel:	
inc DWORD PTR voude(ebx*4)	
next that s	
inc esi	
jung count vowels	
display Bes:	
mos edx, Offset megs	
rall Whiteshing	
call Colf	
MW CCH, S	
mov esi, o	
now edi, OFFSET labels	
	New



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		Date:/_
\ A		
<u>L1:</u>	1 2 1.3	
	may al, [edi]	
	all writecher	
	mou cola OFFSET magy	
	call write Shing	
	mor al, (edi)	
	call writeches	
	mov rdx, Offser msg3	
	call writeshing	
	mou cax, vowels[esi*4]	
	call WhiteDec	
	call Crlf	
	add edi, 1	
	inc esì	
	1009 LT	
	•	
	exit	
moin		
GNO	moin.	
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