CONV N3 33K -0843	L KINSA Date: MITWITIFISISI
Dodala	
dividend DWORD ODYAYN	
divisor buses our	
quotient owns?	
o code	
mov eax, 0	Div Integers PROC
mor eax,0	cmp eax, sh
mov ecx, o	Je 12
mor eax, dividud	xor edx, edx
mov ecx, divisor	dŵ ecx
Call DivIntegers	mov quotient, eax call DivIntegers
nov eax quatient	call DivIntegers
call Unitedec	L2:
call crif	ret
exit wain ENDP	DivIntegers ENDP
wain ENDP	END main
Oz.) odata	
ar BYTE 10,20,30,40,80	· ·
mug BYTE "Enter a numb	on you want to find in amay: ",0
b search BYTE?	
flagfound BYTE O foundmag BYTE "Value watfoundmag BYTE "Value	
foundmay BITE "Value" Watfoundmag BITE "Value	found od Index : 1,0
notfounding BYTE "Value	is not found", 0
search value PPOTO ptrArray	: PTR BYTE, -8ize : DWORD, value & BYTE
-code	
main proc	
mor eax, 0	

	Date: [M] T [W] T [F [S] S]
mov edx, offset mig	
	search Value PROC per Amay: PTR BITE
call Red Tut	- size : DWORD, value : BYTE
mor bsearch, al	nuov esi, PtrArray
mov esi, offset arr	mor ecx, size
mov ecx, length of arr	mor al, value
INVOKE searchValue, esi, ecx, al	cmp ecx, 0
cmp flagfound, 1	je natound
je value Found	mor bl, [esi]
mor edx, offer nationalmy	amp bl, al
call WhiteString	je found
jup -exit	inc esi
value Found :	dec ecx
mor edx, offset foundming	INVOKE searchValue, exi, ecx, al
all Writesting	ret
call Write Dec	found s
- exit:	sub esi, offset arr
exit	mov eax , esi
main tNDP	mor flagfound, 1
	ret
Is) .data	notforme e
string 1 BYTE "This is the source string", 0	mor flagfound, D
string 2 BYTE 20 DUP (?)	ret
mig1 BYTE "Copied string after removing	search Value ENDP
dupitates ", 0	END main.
code	
main PROC	

mor di, offset stringe

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mor ecx, 0.	1 Ryd, data
loop1 s	string BYTE "Advanced Programming in
mor al, [esi]	UNIX Environment,",0
mov al, [esi] cup al, 0 je done	meg1 BYTE "Novels Count: ", O
nov ebx, offset string2	a_or_A oword o
mov edx, ecx	e_or_E OWORD 0
check-duplicates:	i_or_I DWORD 0
emp al, [ebx]	o_or_O bword o
je found_duplicate	4-07-4 DWORD O
anc elay	•code
der edu	main PRO mov est, offset string
In check-duplicates	mor ecx, sittor string
mov [edi+ecx], al	loop1:
onc ecx	comp ecx,0
bound -dupticate:	je done
o nic esi	mov al, [exi]
jmp bop1	emp al, 0
done:	je done
mor BYTE PTR (editecx),0	comp al, 'a'
mor edx, offset mig1	je vowel-found-a
all Unitesting	cmp al, 'e'
mar edx, offset string2	je vouel-found-e
all Write String	cmp al, 'i'
call Crif	je vowel-found-i
exit	comp al, 'o'
main ENDP	je vowel-found-0
FND main	comp al, u'
	je vouel-found-u

	Date: [M[T]W[T]F]S[S]
je vovel found a	1 Os.) . wde
se veriet founde	Different Inputs PROC var1: 00000, var2:00000
comp al, Efounde comp al, I je vouel found i comp al, O comp al, O comp al, O comp al, O comp al, U comp a	var3:0Word
in al. 0	mov eax, var1
and aliliand u	mov eby , var 2
"inc esi	comp eax, ebx
dec ecx	je not different
imp loop 1	comp els, var 3
vowel_found_a:	je not different
THE DWORD PTR [a-or_A]	comp eax, var3
Anc esi dec ecx jump bopt	je not-différent.
unual formade:	mov eax, 1
the DWORD PTR [e-or-E]	ret
the esi dec ecx jup loops	not different:
yourd land	mov eax, 0
on divord pir [i-or-1]	ret
dec ecx	Different Tuprits ENDP.
novel-found_0s	
the DWORD PTR [0-07-0] The exi	
dec ecx jup boops	
vowel-found-u:	
the Dword PTR [u_er_u]	
dec ecx	
exit	
main ENDP END main	
- TO TOWNY	*

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Qc) odata	
original BYTE "original String: ",0	strom proc uses esiedi, string1:
changed BYTE "Changed String", 0	PTR BYTE, removeChar: BYTE
string BYTE "### ARC",0	mor esi, string 1
·code	mov edi, strings
strtem PROTO, string 1: PTR BYTE,	mov al, remove Char
removeChar: BYTE	trim_loop :
main proc	mor dl, [esi]
lea edx, original	amp dl,0
call Unitertring lea edx, string	je end-trin
call Writestring	cmp de, al
call crife 0	jne copy-char
INVOKE SOMMIN, ADDR string it!	mc esi
lea edx, changed	jup him_loop
Lea edx shing	copy-char:
lea edx string all writesting call crif	mor [edi], dl
exit	inc esi
main ENDP	rvc edi
	jup him-loop
	end trêm:
	mer BYTE PTR Tedi],0
	vet
	Strtim ENDP
	and main
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