MPGHC lab 8ep-5 Ain: Write an assembly language the length of the given strong Algorithm

1) instralize the data sigment

6) Store the result is Cen

Str db 1 Abhoral &

AX, DOTA

SL, COPPET STY

DEC CI STRIBNOTH, U

by, Ax

ch, ch

INC CL 'S'

JNZ 4

CS: Code, DS: data

Str length alb 0

£ 85mg

Programs

DATA ends

Assume

Start:

MON

MON

LUB

MON CLD

11: LODSB

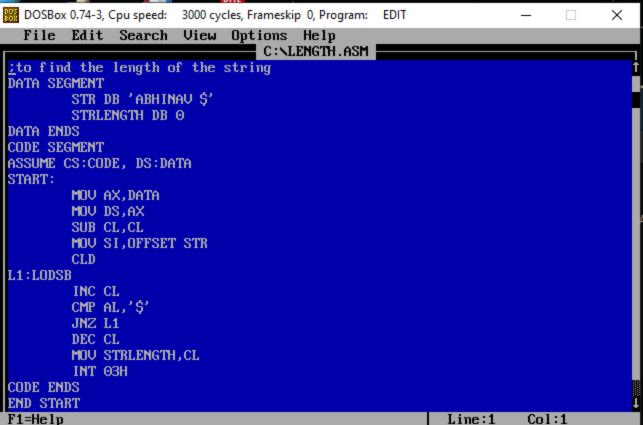
code bnos AND STAKET

Code symost

DATA SEGMENT

2) britalize the courter EL with O

Albanav. O S6 CSE Rollm:5 program to find 3) thore the stacking address of the strong to SI segull A) Hore each character from merrougho st B) Compare AL with last character of soring



B DOSBox				d:	3000) cyc	les, F	ram	eskip	0, P	rogr	am:	DEI	BUG				_			X
Libraries [.LIB]: LENGTH.ASM : fatal error L1101: invalid object module pos: 1 Record type: 3B																					
C:\>DEBUG length.exe -d																					
076B:0000	9 B8	6A	07	8E	D8	2A	C9	BE-	-00	00	FC	АC	FE	C1	30	24	ьi	*			⟨\$
076B:0010	9 75	F9	FE	C9	88	ΘΕ	09	00 -	-CC	83	C4	04	3D	$\mathbf{F}\mathbf{F}$	$\mathbf{F}\mathbf{F}$	74	_			= .	
076B:0020	9 03	E9	11	01	B8	2F	00	50-	-8B	46	FC	8B	56	FE	05	Θ C				FV.	
076B:0036	9 00	52	50	E8	ΕA	48	83	C4 -	-04	50	E8	7B	ΘE	83	C4	04	.RI	РН]	P.{	
076B:0040	9 3D	$\mathbf{F}\mathbf{F}$	$\mathbf{F}\mathbf{F}$	74	03	E9	ED	00 -	-C4	5E	FC	26	8A	47	∞	ZA	=.	.t	'	^.&.G	. *
076B:0050	9 E4	40	50	8B	C3	8 C	CZ	05-	-OC	00	52	50	E8	C1	48	83	. 📵	Р		.RP	Н.
076B:0060	9 C4	04	50	8D	86	FA	FΕ	50-	-E8	17	73	83	C4	06	8B	B6]	Р	.Р.	.s	
076B:0070) FA	FE	81	E6	FF	00	C6	82-	-FB	FE	00	2B	CO	50	8D	86				+.P	٠
—g																					
AX=0724	BX=06	900	C>	<=00	908	D>	<=06	900	SI	9=00	900	BF	90=0	900	SI	[=0009	9 1	D I =0	000		
DS=076A	ES=07	75A	SS	3=07	769	CS	3=07	26B	H	9=00	918	1	Nι	JP E	EI E	L NZ	ΝA	PO	NC		
076B:0018 t	3 CC				11	łΤ		3													
AX=0724	BX=06	900	C>	<=00	908	D>	<=06	900	SI	P=FF	FA	BF	90=0	900	SI	[=0009	9 1	D I =0	000		
DS=076A 01A3:13B1	ES=07 1 55	75A	SS	3=07		CS JSH	3=01	LA3 BP		P=13		1	IV L	JP I)I I	L NZ	NA	PO	NC		