Рэгодэгаст ASSUME CS: CODE, DS! DATA DISPLAY MACRO MSG; Macao to display messages LEA DX, MSG MOV AH, OAH INT 21H ENDM DATA SEGMENT MSGI DB ONH, ODH," Enter the String: \$" MSG2 DB OAH, DDH, "Convented Storing is: \$" STR DB 20 DUP ("\$") DATA ENDS EXIT: MON AH, 4CH; To tesiminate psigram CODE SEGMENT START: MOV AX, DATA INT 21H MOV DS, AX CODE ENDS DISPLAY MSG1; Call macero END START MOV AH, OAH; Read storing LEX DX, STR INT 21H Output MOV CH, DO MOV CL, BYTE PTR [STR+1] Enter the String: ABCD abod LEA SI, STR+2 Convented Stailing is: abcdabcd L1: MOV AH, BYTE PTR[Si] CMP AH, "A" JL EXIT; Jump to EXIT 19 less than CMP AH," Z" JG L2; Jump to L2 if greater than ADD BYTE PTR[si], 32; Convent uppearcase to 10 Nest case JMP L3; Jump to L3 L2: CMP AH, "a" JL EXIT; Jump to EXIT ? Less than a CMP AH, "z" JG EXIT; Jump to EXIT of government L3: INC SI LOOP L1; Loop L1 until CL is O DISPLAY MSG12; Call macou DISPLAY STR+2; Call macoro

Experiment Name / No.: 3. UPPERCASE TO LOWERCASE	Camlin Page No. 23
	Date 18 02 2020
Aim	
To convent a given staring Jacom uppearence to loneaco	ose.
Logic	
input storing. The effective addoress of the 1st characte	
into SI. The 1st characters of the storing is loaded into	AH 2 it is compared
to A & Z. 19 it is less than A, then the point is exited. If it is governed	
than Z, it is compassed with as z. If it is less than a non generates than z,	
10 the paragram is exited. If the character lies between AZZ, it is convented	
to lowercase by adding the value 32. SI in incremented & CL is decommented	
This parnoess is suppeated until the storing ends i.e. (L becomes O. The output	
is displayed as a storing.	
15 Result	desire the second
Convented a given storing John uppermose to lowercase.	
20	
25	
Teach	er's Signature: