tBM19CS168 1/1/200 Swetha. Paty Swelling LAB PROGRAM-5 · MODEL SMALL ·DATA STRI DB. 10 DUPLO STR2 PB (0 DUP(0) LENI DB 00 LEN2 DB 00 MSG1. DB ODH, OAH, "ENTER FIRST STRINGS MSG2 DB ODH, OAK, "ENTER SECOND STRINGS MSG3 DB ODY, OAH, 4 STRINGS ARE EQUALIT MSGY DB ODH, DAH, MSTRINGS ARE NOT ERM MSGI DB ODX, DAK, "LENGTH OF FIRST STRING BE MSG6 DB ODH, OAH, "LENGTH OF SECOND STRING IS! MSG7 DB ODY, DAY, " LENGTH OF STRING IS !" · CODE MOV AX, @DATA MOV DS, AX LEA DX, MSGI MOV AH, OGH WT 214 MOV SI, OOX BACKL: MOV AH, OH INT 214 CMP AL, ODY JE NEXTI MON STRI(SI), AL INC SI INC LEN1 JMP BACKI

NEXT1 : LEA DX, MS & 2 MOV AH, D94 INT 214 MOU SI, OOH BACK2: MON AM, OIH INT 21H CMP AL, ODH JE NEXTZ MOV STR2(ST), AL INC SI J. 1 INC LEN2 IMP BACKZ NEXTZ; MOV AL, LENI CMP AL, LENZ JAUGSTAN SUL ; when length of both strings are equal in ; i.c . LENZ = LENZ MOV SI, OOK MON DI, OOH MOU CL, LENI; MOU CL, LEN2 BACK3: MON AL, STRIESE] CMP AL, STR2[DI] INE NOTEQUAL INC .SI INC DI ; CLD can be used

BEC CL

JNZ BACK3; } Loop BACK3 can be
used BEC CL LEA DX, MSG13 mov AH, 094 INT 21H

LEA DX, MSG7 MOV AH, DAN W.J. 214 MON DL, LENY ; MOU DI, LENZ ADD. ADL, 30H MOV AM, OZH MI 214 JMP LAST 11 NOTEQUAL; LEA DX, MSGY MOV AH, OGH INT 214 LEA DX, MSG5 MOV AH, OGH INT 214 MOV DL, LENI ADD DL, 304 MOV AL, OZH TNT 214 LEA DX, MSG, 6 MOV AM, OGH INT 214 NOV DL, LEN2 ADD DL, 30H MOV AH, OZH INT 21H LAST; MOU AM, HEH INT 214 11/2010 14:00 END