lab Experiment 5: PAt Palindrome · MODEL SMALL DISPLAY MACRO MSG LEA AX, MSG MOV AH, O9H INT 21H ENDM · DATA MSGIL DB ODH, OAH, "ENTER STRINGS. &" MSG2 DB ODH, OAH, " REVERSE STRING". \$" MSGIS DB ODH, DAH, "INPUT STRING IS PALINDROMES" MSLIY DB ODH, OAH, "INPUT STRING IS NOT A PALINDROME STRING &" STRING DB OH SOH DUP (?) RSTRING DB SOH DUP (?) · CODE START: MOV ADC, @DATA MOV DS, AX DISPLAY MSG1 MOV ST, OFFSET STRING XOR CL, CL ACIDIN: MOV AH, 01H INT 21H CMP AL, ODH JE NEXT MOV [SI], AL INC SZ ENC CL JMP AGAIN MOV [82], BYTE PTR '\$'. NEXT! DEC SE mor CH, CL MOU DZ, OFFISET RSTRING BACK: mor AL, [SE] mor CDDJ, AL DEC ST INC DZ DEC CH JNZ BACK MOV [DZ], BYTE PTR '\$' DISPLAY MSG12 DISPLAY RSTRING

A61: MOV AL, [SE] CMP AL, [DZ] JNE FAIL INC 51 INC DI CX DEC JZ SUCCESS JMP AG PAIL : DISPLAY MSG 4 JMP FINAL SUCCESS ! DISPLAY MSG 3

FINAL: MOV AH, 4 CH

END