

SUB AL, 30H

CMP AL, OLH

JE ASCSORT

CMP AL, O2H

JE DE SSORT

CMP AL, DBH

JE FINAL

DISPLAY MSG 5

TMP FINAL

ASCSORT: MOV BL, OOH

AGAIN: MOV SI, OFFSET LIST

MOV CL, OOH

MOV BH, CH

SUB BH, BL

NPASS: CMP CL, BH

JNC NEXT

MOV AL, USIJ

MOV BP, OLH

CMP AL, DS: [BP] [SI]

JC - NOPE

X CHG AL, [SI], AL

X CHG [SI], AL

NOPE "INC Ch INC ST IMP INPASS NEXT: INC BL CMP BL, CH TC AGAIN TMP FINAL

DESSORT: MOUBL, OOH

AGAINL: MOU SI, OFFSET LIST

MOU CH, OOH

MOU BH, CH

SUB BH, BL

NPASSL: CMP CL, BH

TN C NEXT

MOV AL, EST T

MOV BP, OHH

CMP AL, DS: [BP][ST]

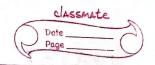
TNC -NOPEL

XCHGI AL, [ST +1]

XCHG [CST], AL

NOPEL : INC CL INC SI JM P NPASSI

NEXTL: INC BL CMP BUGCH JC AGAINI



FINAL: MOV AH, HCH

END START.