2/1/2020 Lab-program 3 To prent the ascii value of Enput · MODEL SMALL · DATA MSG1 DB ODH, OAH, "Enter Alphanumeric character: \$" RES DB OZH DUP(0) . CODE MOV AX, @DATA MOU DS, AX LEA DX, MSG1 CALL DISPLAN MOV AH, OIH; Reading input from keyboard INT 21H MOU BL, AL; OA Is the input will be stored always in al a b1 register MOV CL, 4 SHR AL, CL ; ODH CMP AL, DAY JC DIGIT ; AL LOAM CARRY IS GENERATED " SO MOD DURY ADD 30H ADD AL, OTH DIGIT: ADD AL, 30H ; 30H MON RES, AL AND BL, OFH ; BL=DAH CMP BL, OAH JC DIGIT1 ADD BL, 07H; BL= 6A+07H

DIGITA: ADD BL, 30H ; BL = OA+O7+30 = DA+37=4(H MOV RES+1, BL MOV AH, OOH; clear the screen MOV AL, O3H INT IOH MOV AM, OZM ; set the cursos position MOU BK, DOH MON DK, OCH ; Low numby MOV DL, 28H; column number ; & indicates end of the losse MOV RES+2, is' ; string LEA DX, RES CALL DISP; REs value will be printed. MOV AH, YCH INT 214 DISP PROC NEAR

DISP PROC NEAR MOU AM, 094 INT 214 RET DISP ENDP

END