14/11/2020 LAR program - Swellie Paty
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South Sun D'Such lBM19CS168 Program to display current time of the · model small display macro mig lea dr, mig mor ah, ogh ant 21h endm ·data timestr db ozoh dup(?) mig de " current time:: \$" · Code start: mor ax, @ data mor ds, ax I clear the screen mor ah, ook ronou al, ozh int 10h : Set a particular Location for dynamic clock ag: mov bh, ook mov dh, ook mov de, ook mov ah, ozh and loh

mov si, oppet timestr jOD lea si, timestr mov ah, 2 ch ; intersupt for getting system time int 2th mor al, ch; ch=hour, cl=minuty, dh=second ; convert to unpacked bacd format and ch cartains 10 add ax, 3030h; ax=3130-1ah=31h&al=su mov [si], ah; timestr [oi] = 8 Hwill be displayed mov [si], al; timstr[oi] = 30 -> will be diplayed as 0 mor [si], byte ptr!! display now on the Sinc Si sileen is 10: mov.al, d aam add an, 3030h mov (si), ah inc si, mor (si), al un c si mov [si], byte ptr': anc si mor al, ah aam add 9x, so3Dh mor [si], ah inc si mov [si], al unc si mov [Si], byte ptr &'; to indicate end

display timeto icheck for the keyboard status...

if key is pressed; & terminate the program, mov as, obh ant 21h comp al, ooh je ag

final: mor ah, ych int 21h ende start