Yaehwanth Kiran. 9 1BM19CS187 3D Boutch 2 Date: 17 /11 /2020 LAB - 18 Program : Road the current time from the system and display it in the standard format on the scroon THE HAT HOLD YOUR MODEL SMALL HPO, 19 VOM MED HA VOM DISPLAY MACRO MSG HOT MAI LEADX, MSG MOVIET OFHED HAINDME TEAST to without INTIGHT! HIC HA VOLL ENDM HID THE MOV AL CH PERIODE ROUR LE MONT CATAGE TIMESTR DB 020H DUP (2) MSG1 DB "CURRENT TIME :: 15" EL DE TOOL RECOUNTY RA, [TE) VOM · CODE START: MOV AX, @ DATA MOV DS , AX Control of Carl 219 200 Trol Front Vora CLEAR THE SCREEN MOV AH, OOH MOV AL, O3H INT IOH MOI TAI

Date: 17/11/2023	1 1 ma
I SET A PARTICULAR COCATION. FOR DYNAMIC CLOCK	
AG: MOV BH, OOH	
MOV DH OAH	
MOV DL, OTH	
MOV AH, O2H	
INT TOH AMERICAN HOLD TIME	
22M XQ A33	
MOV ST, OFFSET TIMESTR; LEAST, TIMESTR	
MOVAN, 2CH; INTERRUPT for getting systemtine	
INT 21H	
MOV AL, CH; CH = HOUR, CL = MUNUTE,	
OH = SECOND	
AAM; Convert to unpacked BACD format AAM	is used and CH Contains 10
AAD AX, 3030H ; AX = 31 30 -> AH = 31H	
MOV [SI], AH ; Timestr [OO] = 31 -> will	
INC ST 3900.	;
MOV [ST], AL ; Timestr [01] = 30 - > will	be displayed as 0;
TNC ST XA SA VOM	
MION [ST], BYTE PTR ':'; Displayed on the	screen now is 10:
INC SI MARROR THE HARDS	
HOD HA HOLD	
MOV AL, CL 480 . 14 VOM	
NAM ATTEM	
ADD AX, 3030H	
MOV [21], AH INC SI	
TIME 27	