Experiment No. 10: Display a string

Date: 16-10-2020

NAME: Harshini S
REG.NO: 185001058

AIM:

Program for displaying a character string in a standard output device.

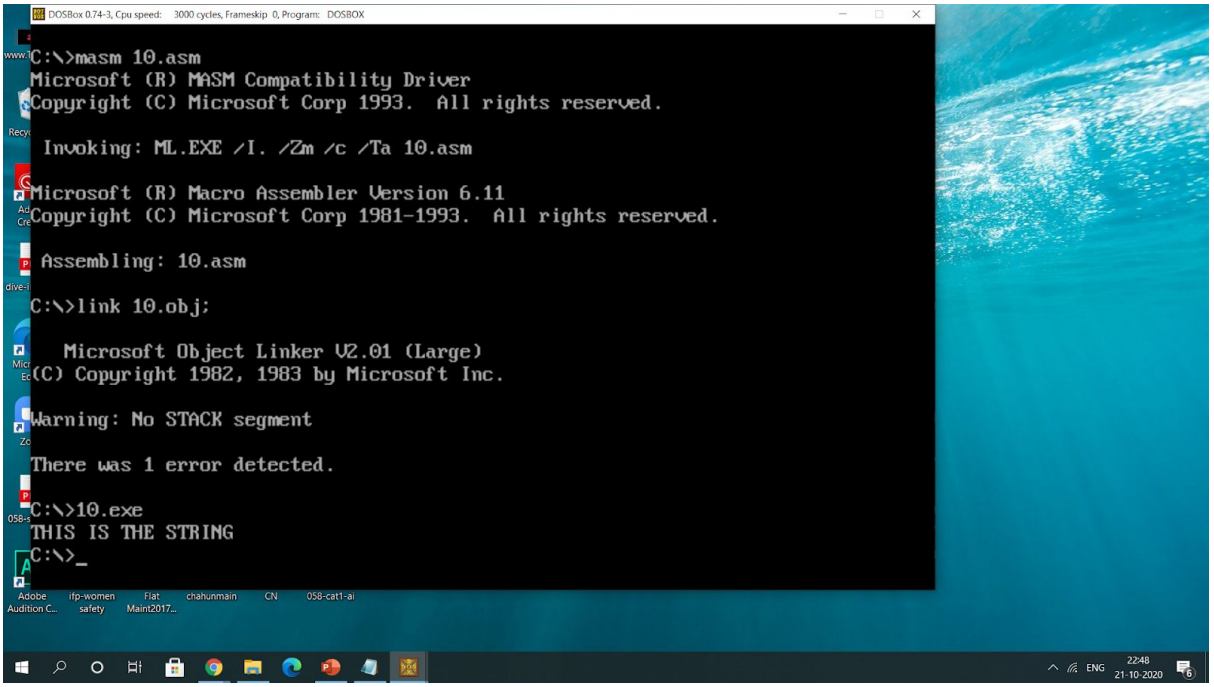
PROGRAM:

PROGRAM	COMMENTS

START:
MOV AX,DATA
MOV DS,AX
	
	Transferring address of data segment to ds

MOV AH,9 MOV DX,OFFSET MESSAGE INT 21H	Outputs a string of data terminated by a $ to the standard output device
MOV Ah,4CH INT 21H	Terminate the program

SAMPLE INPUT/OUTPUT:



RESULT:

Thus the character string has been displayed in a standard output device.

Experiment No. 11: System date and time

Date: 16-10-2020

NAME: Harshini S
REG.NO: 185001058

A.AIM:

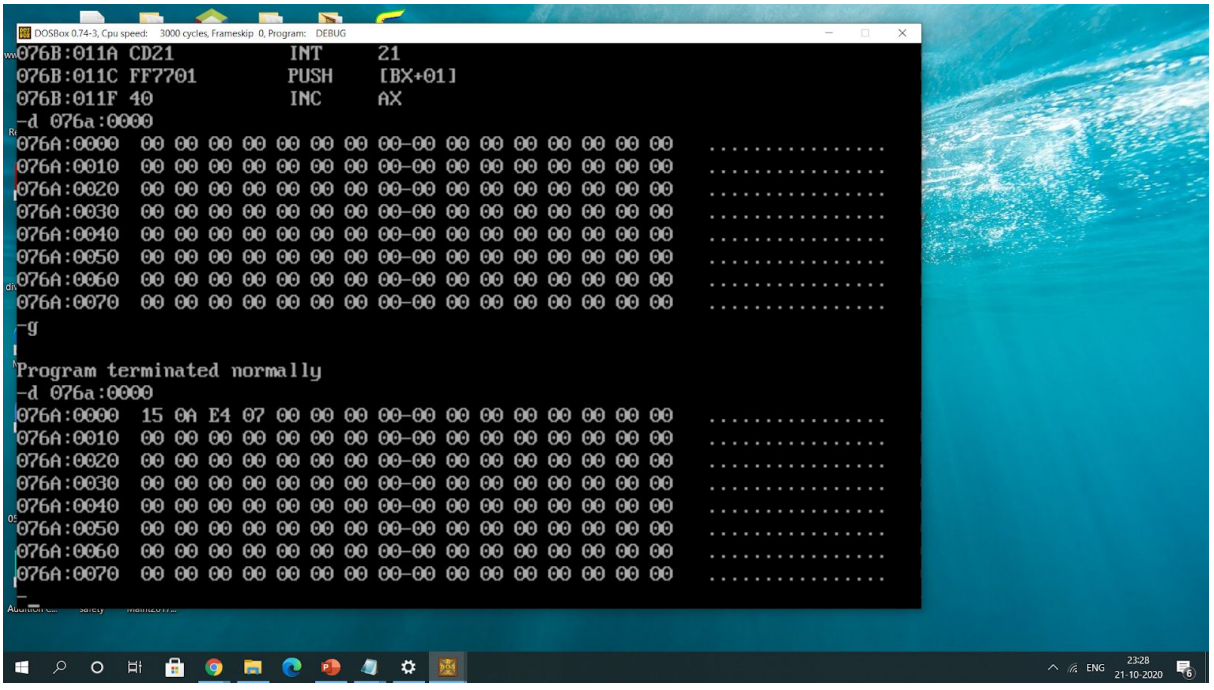
Program for displaying system date.

PROGRAM:

PROGRAM	COMMENTS

start:
mov ax,data
mov ds,ax
mov ah,2ah
int 21h
mov si,offset day
mov [si],dl
mov si,offset month
mov [si],dh
mov si,offset year
mov [si],cx
mov ah,4ch
int 21h
	
	Transferring address of data segment to ds
	
	Get system date
	Load si with offset of day
	Load dl to day
	Load si with offset of month
	Load dh to month
	Load si with offset of year
	Load cx to year
	
	Terminate the program

SAMPLE INPUT/OUTPUT:



RESULT:

Thus system date has been displayed.

B.AIM:

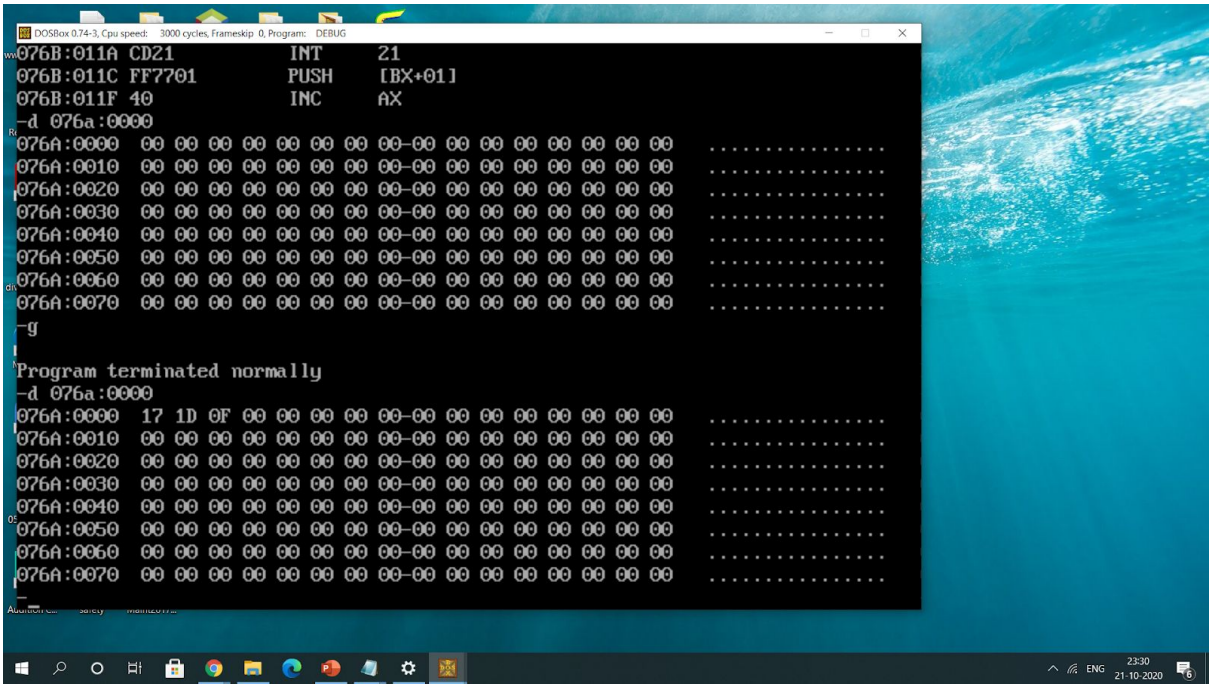
Program for displaying system time.

PROGRAM:

PROGRAM	COMMENTS

start:
mov ax,data
mov ds,ax
mov ah,2ch
int 21h
mov si,offset hour
mov [si],ch
mov si,offset minute
mov [si],cl
mov si,offset second
mov [si],dh
mov ah,4ch
int 21h
	
	Transferring address of data segment to ds
	
	Get system time
	Load si with offset of hour
	Load ch to hour
	Load si with offset of minute
	Load cl to minute
	Load si with offset of second
	Load dh to second
	
	Terminate the program

SAMPLE INPUT/OUTPUT:



RESULT:

Thus system time has been displayed.