

LAB-7 DISPLAY THE CURRENT TIME

.MODEL SMALL

DISPLAY MACRO MSG

LEA DX, MSG

MOV AH, 09H

INT 21H

ENDM

.DATA

TIMESTR DB 090A DUP(0)

MSG1 DB "Current Time: :\$"

.CODE

START:

MOV AX, @DATA

MOV DS, AX

MOV AH, 00H

MOV AL, 03H

INT 10H

AG:

MOV BX, 00H

MOV DX, 01H

MOV BL, 01H

MOV AH, 02H

INT 10H

MOV SI, OFFSET TIMESTR

MOV AH, 2CH

INT 21H

MOV AL, 2H

AAM

ADD AX, 3030H

```

MOV [SI], AH
INC SI
MOV [SI], AL
INC SI
MOV [SI], BYTE PTR "$"
INC SI

```

```

MOV AL, CL

```

AAM

```

ADD AX, 3030H

```

```

MOV [SI], AH

```

```

INC SI

```

```

INC SI

```

```

MOV [SI], AL

```

```

INC SI

```

```

MOV [SI], BYTE

```

```

INC SI

```

```

MOV AL, 0H

```

AAM

```

ADD AX, 3030H

```

```

MOV [SI], AH

```

```

INC SI

```

```

MOV [SI], AL

```

```

INC [SI], AL

```

```

INC SI

```

```

MOV [SI], BYTE PTR '$'

```

```

DISPLAY MSG1

```

```

DISPLAY TIME STR

```

```

MOV AH, 0BH

```

```

INT 9H

```

```

CMP AL, 00H

```

```

JE AH

```

```

FZWAL: MOV AH, 4CH

```

```

INT 9H

```

```

END START

```

USHA

CURRENT TIME : 17:26:55