Experiment 10 Title: Assembly language programming to display a message in different colour with blinking.

Name of student: Meet Raut   *Class Roll Number: 2201084*

Date of Performance: 18/03/2024

Batch: S2-1   *Timing: 3:00-5:00*   *Date of Submission: 18/03/2024*

Assembly language code

```
DATA_SEG SEGMENT
    ROW DB 5
    COL DB 15
    STRS DB '084_MEET'
DATA_SEG ENDS

CODE_SEG SEGMENT
    ASSUME CS:CODE_SEG, DS:DATA_SEG, ES: DATA_SEG
START:
    MOV AX,DATA_SEG
    MOV DS,AX
    MOV ES,AX                    #initialise data segment

    MOV AL,1            #using service 01 to assign char attributes in bl
    MOV BH,0              #setting page to 0
    MOV BL,094H          #9=1001 (blue) 4=0100 (red)
    MOV CX,10            # no. of char in string
```

```asm
MOV DH,ROW              #setting row number
MOV DL,COL              #setting column number
MOV BP,OFFSET STRS      #setting pounter to print the string
MOV AH,13H              #using service 13h to print string
INT 10H                 #interrupt called
MOV BL,0C9H             #c=1101(red) 9=1001(light blue)
MOV CX,10               #number of char in string
MOV DH,07               #setting row number
MOV DL,COL              #setting col number
MOV BP,OFFSET STRS      #setting pointerto print string
MOV AH,13H              #using service 13 to print string
INT 10H                 #interrupt called


MOV AH,4CH
INT 21H


CODE_SEG ENDS
END START
```
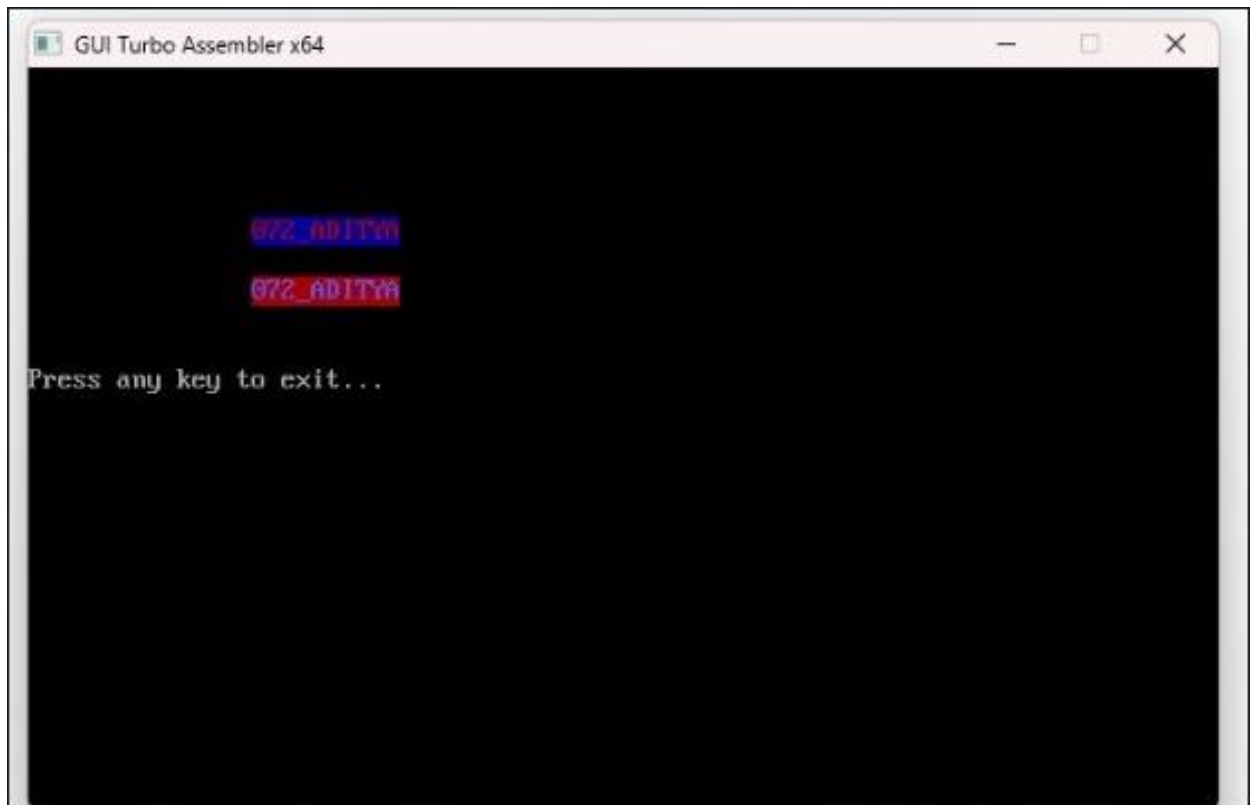
CONCLUSION: *LO 2, LO 3 mapped.*

--------------------------------******************************--------------------------------