Experiment 9
Class: SE Comp
Year: 2020-21
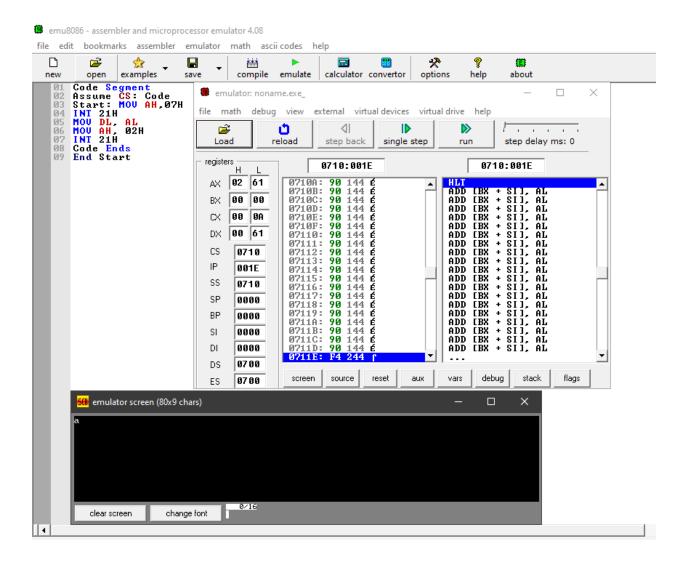**Performed by:** Danyl Fernandes, 72

Read character from keyboard and display on the screen:

Code:

```
Code Segment
Assume CS: Code
Start:
    MOV AH,07H
    INT 21H
    MOV DL, AL
    MOV AH, 02H
    INT 21H
Code Ends
End Start
```

Output:

Conclusion:

We successfully implemented taking a character input from the keyboard and displaying it on the screen using an assembly language program

Experiment 09

Aim :
To write an assembly language program to read a character from the keyboard & display it on the screen using 8086

Software :
Emulator 8086

Algorithm :

- Start
- Intitize the registers
- Move the value to all the registers as it takes user input from the Screen
- Returns the ASCII value of the character in the AL register
- The ~~screen~~ return code is placed by the system in AL moved to the DL register
- Return the ASCII value of the character
- Stop