DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

A.Y. 2022-2023



(Autonomous College Affiliated to the University of Mumbai) NAAC Accredited with "A" Grade (CGPA: 3.18)

Subject: Process Organization and Architecture

SAP ID: 60004220253 – Devansh Mehta

POA Experiment 10

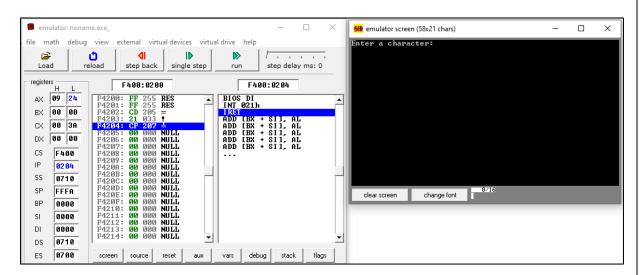
Aim: Assembly Language program for implementing DOS interrupts.

Code:

```
data segment
MSG DB "Enter a character:$"
02
03
         data ends
04
05
   code segment
         assume cs:code ds:data
06
07
         start:
98
09
         mov ax,data
10
         mov ds.ax
lea dx.MSG
11
         mov ah, 09h
int 21h
12
13
14
15
         mov ah,01
int 21h
16
17
18
         mov dl.al
         mov ah,02
int 21h
19
20
21
22
         mov ah,4ch
int 21h
24
    code ends
26 end start
```

Output:

1. Interrupt 09H – Display string







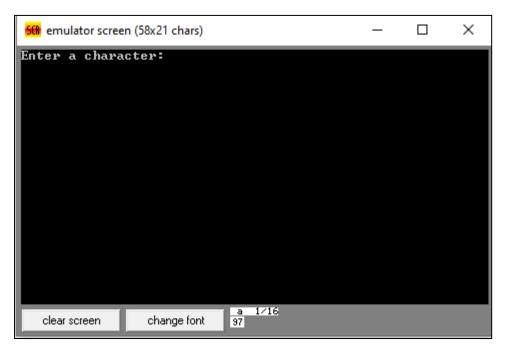
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2. Interrupt 01 – Accept input and display asci



3. Interrupt 02 – Display input

