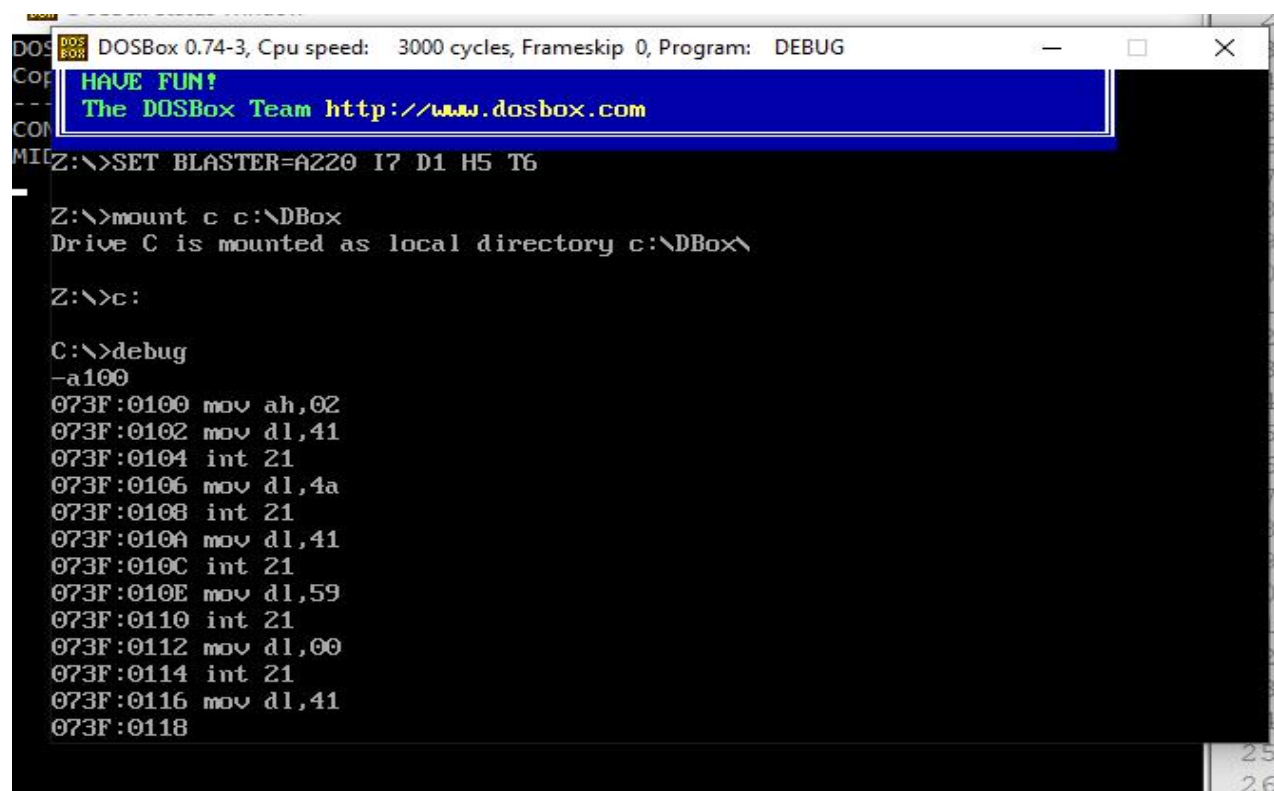


ACTIVITY

NAMA : Ajay Alfredo Almani
NPM : 50420093
KELAS : 2IA16
TANGGAL : 21 Oktober 2021
MATERI : Register Debugging
PERTEMUAN : ke - 2
MATA PRAKTIKUM : Organisasi Sistem Komputer



LISTING PROGRAM

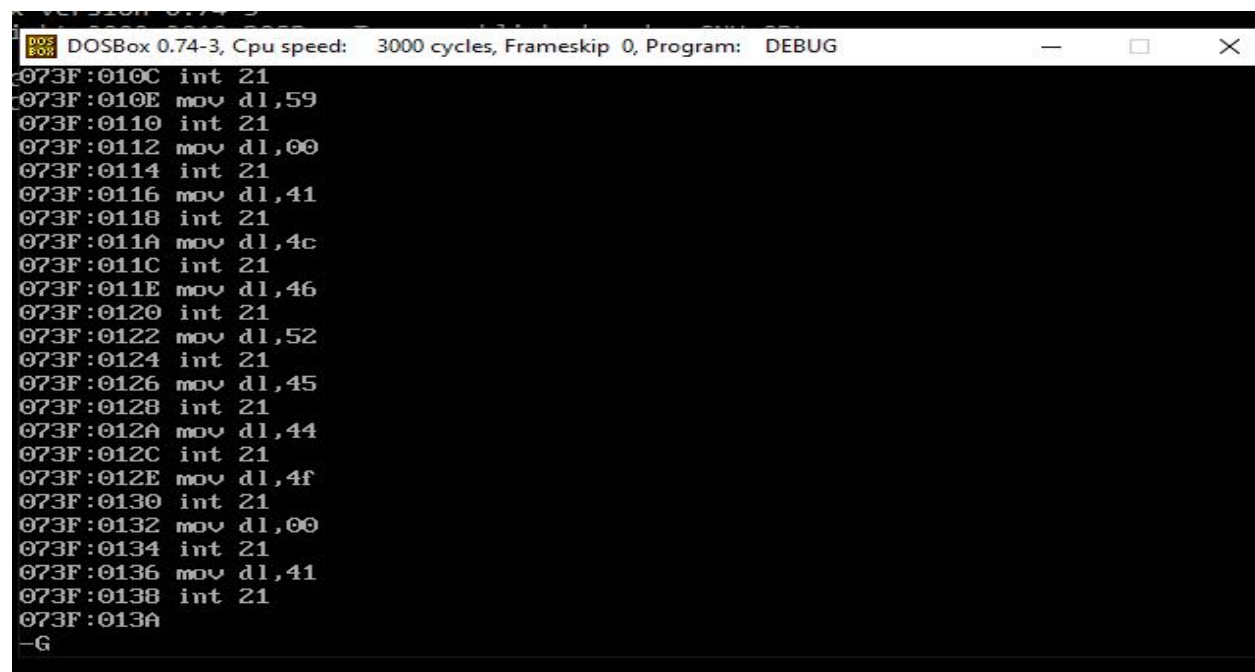


```
DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DEBUG
HAVE FUN!
The DOSBox Team http://www.dosbox.com
Z:\>SET BLASTER=A220 I7 D1 H5 T6

Z:\>mount c c:\DBox
Drive C is mounted as local directory c:\DBox\

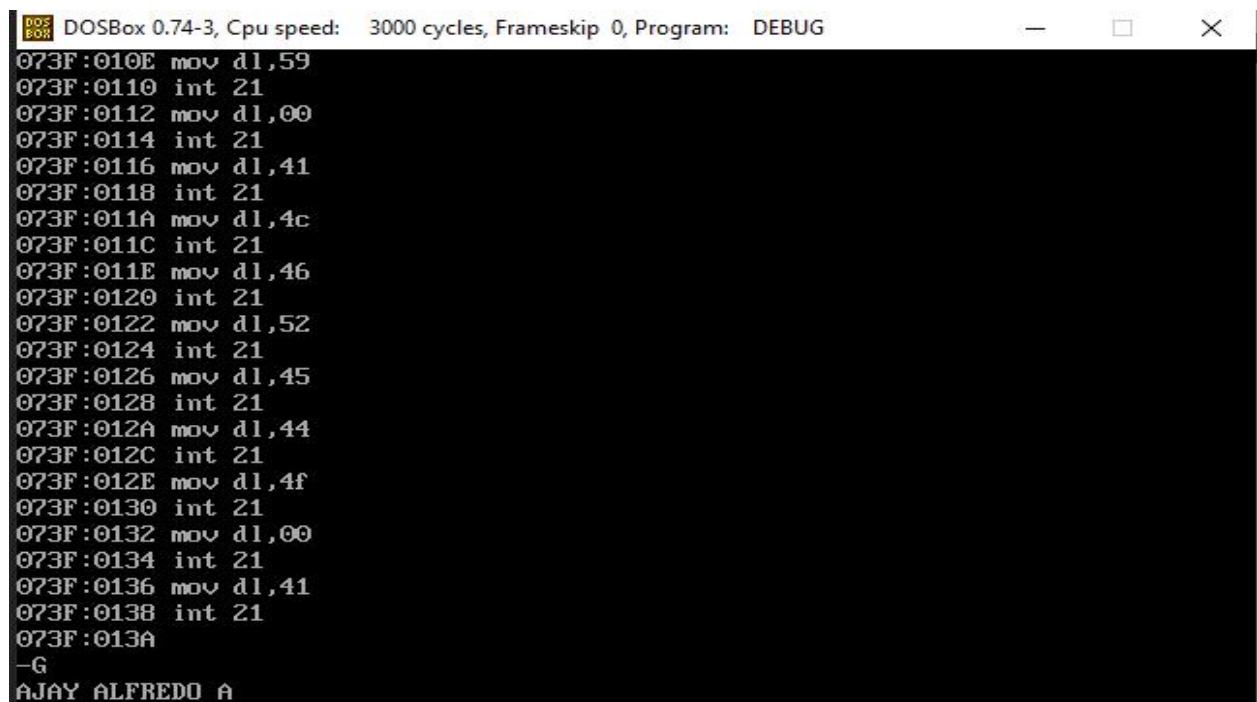
Z:\>c:

C:\>debug
-a100
073F:0100 mov ah,02
073F:0102 mov dl,41
073F:0104 int 21
073F:0106 mov dl,4a
073F:0108 int 21
073F:010A mov dl,41
073F:010C int 21
073F:010E mov dl,59
073F:0110 int 21
073F:0112 mov dl,00
073F:0114 int 21
073F:0116 mov dl,41
073F:0118
```



```
073F:011C int 21
073F:011E mov dl,59
073F:0120 int 21
073F:0122 mov dl,00
073F:0124 int 21
073F:0126 mov dl,41
073F:0128 int 21
073F:012A mov dl,4c
073F:012C int 21
073F:012E mov dl,46
073F:0130 int 21
073F:0132 mov dl,52
073F:0134 int 21
073F:0136 mov dl,45
073F:0138 int 21
073F:013A mov dl,44
073F:013C int 21
073F:013E mov dl,4f
073F:0140 int 21
073F:0142 mov dl,00
073F:0144 int 21
073F:0146 mov dl,41
073F:0148 int 21
073F:014A
```

OUTPUT PROGRAM

A screenshot of a DOSBox window. The title bar reads "DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DEBUG". The window contains a list of assembly instructions with their memory addresses and hex values. The instructions are: 073F:010E mov dl,59; 073F:0110 int 21; 073F:0112 mov dl,00; 073F:0114 int 21; 073F:0116 mov dl,41; 073F:0118 int 21; 073F:011A mov dl,4c; 073F:011C int 21; 073F:011E mov dl,46; 073F:0120 int 21; 073F:0122 mov dl,52; 073F:0124 int 21; 073F:0126 mov dl,45; 073F:0128 int 21; 073F:012A mov dl,44; 073F:012C int 21; 073F:012E mov dl,4f; 073F:0130 int 21; 073F:0132 mov dl,00; 073F:0134 int 21; 073F:0136 mov dl,41; 073F:0138 int 21; 073F:013A. Below the instructions, there is a line "-G" and a prompt "AJAY ALFREDO A".

```
DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DEBUG
073F:010E mov dl,59
073F:0110 int 21
073F:0112 mov dl,00
073F:0114 int 21
073F:0116 mov dl,41
073F:0118 int 21
073F:011A mov dl,4c
073F:011C int 21
073F:011E mov dl,46
073F:0120 int 21
073F:0122 mov dl,52
073F:0124 int 21
073F:0126 mov dl,45
073F:0128 int 21
073F:012A mov dl,44
073F:012C int 21
073F:012E mov dl,4f
073F:0130 int 21
073F:0132 mov dl,00
073F:0134 int 21
073F:0136 mov dl,41
073F:0138 int 21
073F:013A
-G
AJAY ALFREDO A
```