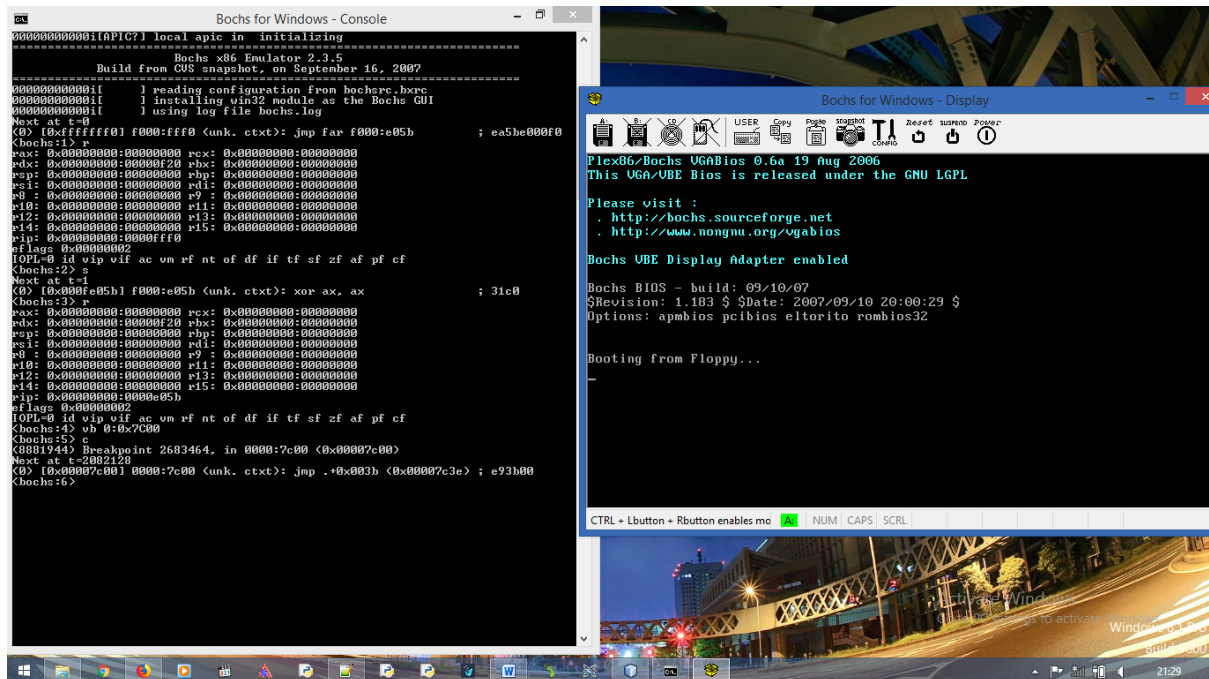
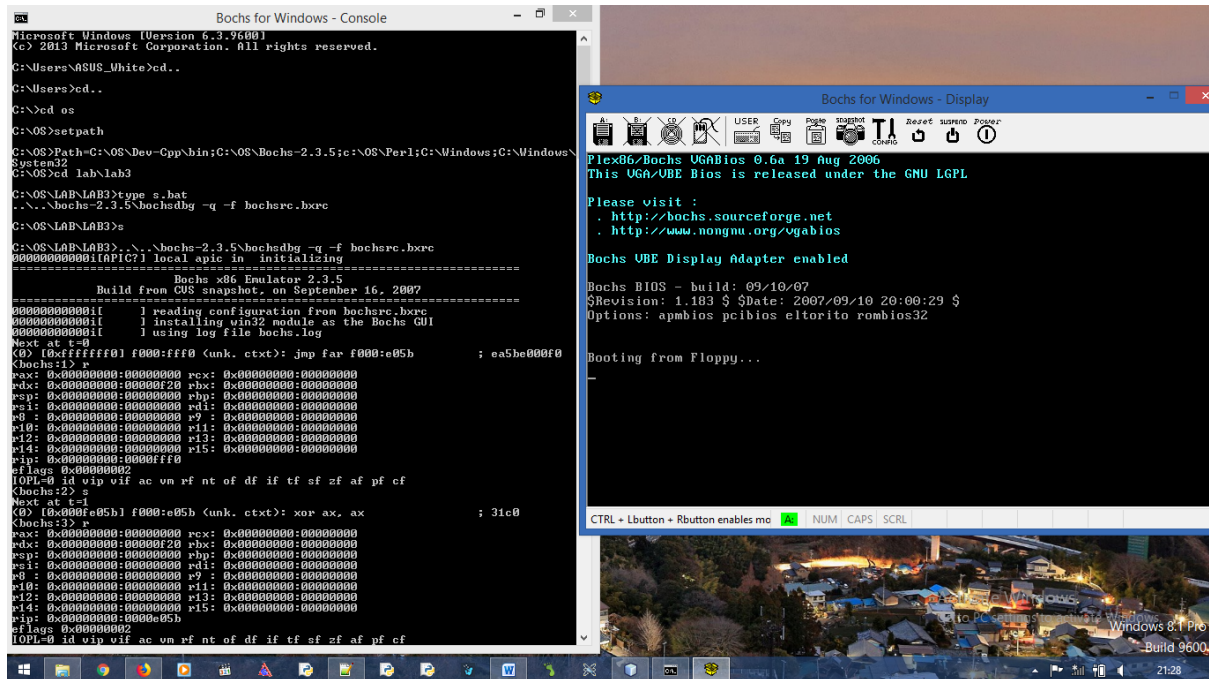


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Kelas : A



```
Bochs for Windows - Console
(0) [0x00007c00] 0000:7c00 (unk. ctxt): jmp .+0x003b (0x00007c3e) ; e93b00
<bochs:6> s
Next at t=2082129
(0) [0x00007c3e] 0000:7c3e (unk. ctxt): cli ; fa
<bochs:7> s
Next at t=2082130
(0) [0x00007c3f] 0000:7c3f (unk. ctxt): mov ax, 0x07c0 ; b8c007
<bochs:8> h
hihelp - show list of debugger commands
hihelp command - show short command description
-* Debugger control -*
help, q!quit!exit, set, instrument, show, trace, trace-reg,
record, playback, load-symbols, slist
-* Execution control -*
c!cont!continue, s!step!stepi, pin!next, modebp
-* Breakpoint management -*
vb!vbreak, lb!lbreak, pb!pbreak!b!break, sb, sba, blist,
bpe, bpd, d!del!delete
-* CPU and memory contents -*
x, xp, uidisasm!disassemble, r!reg!regs!registers, setpmem, crc, info,
set, dump_cpu, set_cpu, ptime, print-stack, watch, unwatch, ?!calc
<bochs:9> s
Next at t=2082131
(0) [0x00007c42] 0000:7c42 (unk. ctxt): mov ds, ax ; 8ed8
<bochs:10> s
Next at t=2082132
(0) [0x00007c44] 0000:7c44 (unk. ctxt): mov es, ax ; 8ec0
<bochs:11> s
Next at t=2082133
(0) [0x00007c46] 0000:7c46 (unk. ctxt): mov fs, ax ; 8ee0
<bochs:12> q
# ln bx_win32_gui_c::exit(void)?

Bochs is exiting. Press ENTER when you're ready to close this window.

C:\OS\LAB\LAB3>s
C:\OS\LAB\LAB3>..\..\bochs-2.3.5\bochsdbg -q -f bochsrc.bxrc
000000000000i[APIC?] local apic in initializing
=====
Bochs x86 Emulator 2.3.5
Build from CVS snapshot, on September 16, 2007
=====
000000000000i[      ] reading configuration from bochsrc.bxrc
000000000000i[      ] installing win32 module as the Bochs GUI
000000000000i[      ] using log file bochs.log
Next at t=0
(0) [0xffffffff] f000:ffff (unk. ctxt): jmp far f000:e05b ; ea5be000f0
<bochs:1> vb 0x0100:0x0000
<bochs:2> c
(9340696) Breakpoint 2683464, in 0100:0000 (0x00001000)
Next at t=2945013
(0) [0x00001000] 0100:0000 (unk. ctxt): mov ax, 0x0100 ; b80001
<bochs:3> s
Next at t=2945014
(0) [0x00001003] 0100:0003 (unk. ctxt): mov ds, ax ; 8ed8
<bochs:4> s
```

```
Bochs for Windows - Console
(0) [0x00001000] 0100:0000 (unk. ctxt): mov ax, 0x0100 ; b80001
<bochs:3> s
Next at t=2945014
(0) [0x00001003] 0100:0003 (unk. ctxt): mov ds, ax ; 8ed8
<bochs:4> s
Next at t=2945015
(0) [0x00001005] 0100:0005 (unk. ctxt): mov es, ax ; 8ec0
<bochs:5> s
Next at t=2945016
(0) [0x00001007] 0100:0007 (unk. ctxt): cli ; fa
<bochs:6> s
Next at t=2945017
(0) [0x00001008] 0100:0008 (unk. ctxt): mov ss, ax ; 8ed0
<bochs:7> s
Next at t=2945018
(0) [0x0000100a] 0100:000a (unk. ctxt): mov sp, 0xffff ; bcffff
<bochs:8> s
Next at t=2945019
(0) [0x0000100d] 0100:000d (unk. ctxt): sti ; fb
<bochs:9> s
Next at t=2945020
(0) [0x0000100e] 0100:000e (unk. ctxt): push dx ; 52
<bochs:10> s
Next at t=2945021
(0) [0x0000100f] 0100:000f (unk. ctxt): push es ; 06
<bochs:11> s
Next at t=2945022
(0) [0x00001010] 0100:0010 (unk. ctxt): xor ax, ax ; 31c0
<bochs:12> s
Next at t=2945023
(0) [0x00001012] 0100:0012 (unk. ctxt): mov es, ax ; 8ec0
<bochs:13> s
Next at t=2945024
(0) [0x00001014] 0100:0014 (unk. ctxt): cli ; fa
<bochs:14> s
Next at t=2945025
(0) [0x00001015] 0100:0015 (unk. ctxt): mov word ptr es:0x84, 0x0030 ; 26c706840
03000
<bochs:15> s
Next at t=2945026
(0) [0x0000101c] 0100:001c (unk. ctxt): mov word ptr es:0x86, cs ; 268c0e8600
<bochs:16> s
Next at t=2945027
(0) [0x00001021] 0100:0021 (unk. ctxt): sti ; fb
<bochs:17> s
Next at t=2945028
(0) [0x00001022] 0100:0022 (unk. ctxt): pop es ; 07
<bochs:18> s
Next at t=2945029
(0) [0x00001023] 0100:0023 (unk. ctxt): pop dx ; 5a
<bochs:19> s
Next at t=2945030
(0) [0x00001024] 0100:0024 (unk. ctxt): mov si, 0x01e8 ; bee801
<bochs:20> s
Next at t=2945031
(0) [0x00001027] 0100:0027 (unk. ctxt): mov al, 0x01 ; b001
<bochs:21> s
Next at t=2945032
```

The screenshot displays a Windows 10 desktop environment. In the foreground, a Windows 10 taskbar is visible at the bottom with various application icons. The main area of the desktop is occupied by two overlapping windows.

The top window is titled "Bochs for Windows - Display". It shows the Bochs BIOS interface. The text in the window includes:

```

Bochs:11> a
Next at t=2945022
(0) [0x00000101] 0100:0010 <unk. ctxt>: xor ax, ax          ; 31c0
Bochs:12> a
Next at t=2945023
(0) [0x00000102] 0100:0012 <unk. ctxt>: mov es, ax          ; 8ec0
Bochs:13>
Next at t=2945024
(0) [0x00000104] 0100:0014 <unk. ctxt>: cli                  ; fa
Bochs:14>
Next at t=2945025
(0) [0x00000105] 0100:0015 <unk. ctxt>: mov word ptr es:0x84, 0x0030 ; 26c70640
Bochs:15>
Next at t=2945026
(0) [0x0000010c] 0100:001c <unk. ctxt>: mov word ptr es:0x86, cs ; 268c0e0600
Bochs:16>
Next at t=2945027
(0) [0x00000102] 0100:0021 <unk. ctxt>: sti                  ; fb
Bochs:17>
Next at t=2945028
(0) [0x00000102] 0100:0022 <unk. ctxt>: pop es              ; 07
Bochs:18>
Next at t=2945029
(0) [0x00000103] 0100:0023 <unk. ctxt>: pop dx              ; 5a
Bochs:19>
Next at t=2945030
(0) [0x00000102] 0100:0024 <unk. ctxt>: mov si, 0x0108      ; bee001
Bochs:20>
Next at t=2945031
(0) [0x00000102] 0100:0027 <unk. ctxt>: mov al, 0x01        ; b001
Bochs:21> a
Next at t=2945032
(0) [0x00000102] 0100:0029 <unk. ctxt>: int 0x21            ; cd21
Bochs:22>

```

The bottom window is titled "Bochs for Windows - Display" and shows the Windows 7 boot screen. The text in the window includes:

```

Please visit :
. http://bochs.sourceforge.net
. http://www.nongnu.org/vgabios

Bochs VBE Display Adapter enabled

Bochs BIOS - build: 09/10/07
$Revision: 1.183 $ $Date: 2007/09/10 20:00:29 $
Options: apmbios pcibios eltorito rombios32

Booting from Floppy...

Loading kernel ver 0.01
.....
..
-

```

The Windows 7 boot screen also displays the "Activate Windows" watermark and the text "Go to PC settings to activate Windows 8.1 Pro". The taskbar at the bottom of the Windows 7 window shows the Start button and several application icons.