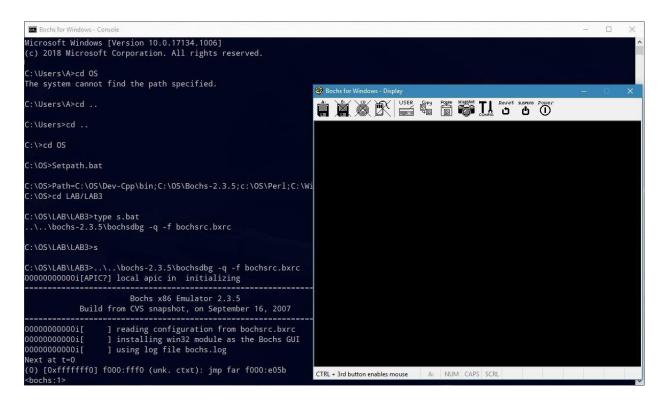
TUGAS PRAKTIKUM SISTEM OPERASI

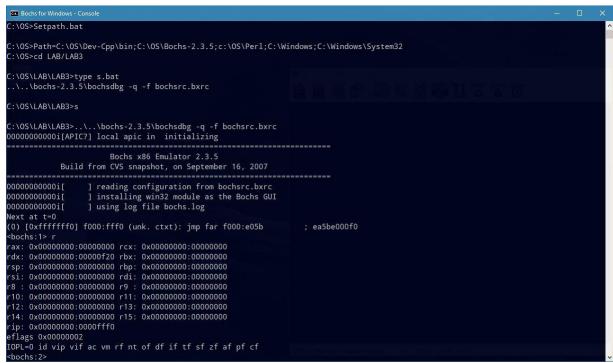
Nama: Muhammad Jainal Arifin

Nim: L20018015

Kelas: C

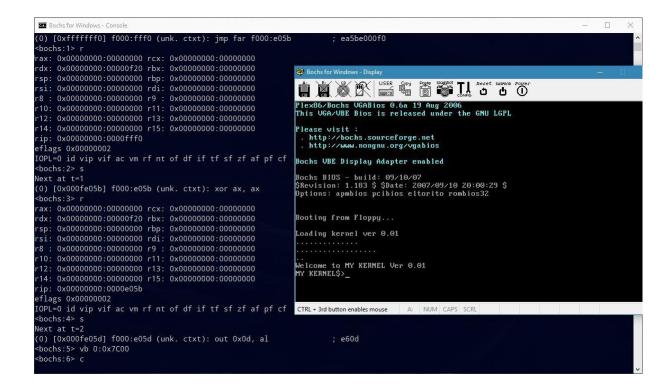
```
Microsoft Windows [Version 10.0.17134.1006]
(c) 2018 Microsoft Corporation. All rights reserved.
C:\Users\A>cd OS
The system cannot find the path specified.
C:\Users\A>cd ..
C:\Users>cd ..
C:\>cd OS
C:\OS>Setpath.bat
C:\OS>Path=C:\OS\Dev-Cpp\bin;C:\OS\Bochs-2.3.5;c:\OS\Per1;C:\Windows;C:\Windows\System32
C:\OS>cd LAB/LAB3
C:\OS\LAB\LAB3>type s.bat
..\..\bochs-2.3.5\bochsdbg -q -f bochsrc.bxrc
C:\OS\LAB\LAB3>s
C:\OS\LAB\LAB3>..\..\bochs-2.3.5\bochsdbg -q -f bochsrc.bxrc
0000000000i[APIC?] local apic in initializing
                                Bochs x86 Emulator 2.3.5
                Build from CVS snapshot, on September 16, 2007
                        ] reading configuration from bochsrc.bxrc
] installing win32 module as the Bochs GUI
] using log file bochs.log
0000000000i[
00000000000i[
0000000000i[
Next at t=0
(0) [0xfffffff0] f000:fff0 (unk. ctxt): jmp far f000:e05b
<br/>
<br/>
dochs:1>
                                                                                             ; ea5be000f0
```





```
Bochs for Windows - Console
 :\OS>cd LAB/LAB3
 C:\OS\LAB\LAB3>type s.bat
..\..\bochs-2.3.5\bochsdbg -q -f bochsrc.bxrc
 :\OS\LAB\LAB3>s
C:\OS\LAB\LAB3>..\..\bochs-2.3.5\bochsdbg -q -f bochsrc.bxrc
0000000000i[APIC?] local apic in initializing
                           Bochs x86 Emulator 2.3.5
              Build from CVS snapshot, on September 16, 2007
 ]i0000000000i[
                      ] reading configuration from bochsrc.bxrc
                     ] installing win32 module as the Bochs GUI
] using log file bochs.log
 0000000000i[
]i0000000000i[
Next at t=0
(0) [0xfffffff0] f000:fff0 (unk. ctxt): jmp far f000:e05b
                                                                               : ea5be000f0
 <bochs:1> r
 ax: 0x00000000:00000000 rcx: 0x00000000:00000000
 rsp: 0x00000000:00000000 rbp: 0x00000000:00000000
rsi: 0x00000000:00000000 rdi: 0x00000000:00000000
r8 : 0x00000000:00000000 r9 : 0x00000000:00000000
r10: 0x00000000:00000000 r11: 0x00000000:00000000
 12: 0x00000000:00000000 r13: 0x00000000:00000000
 -14: 0x00000000:00000000 r15: 0x00000000:00000000
eflags 0x00000002
IOPL=O id vip vif ac vm rf nt of df if tf sf zf af pf cf
 <bochs:2> s
 Next at t=1
(0) [0x000fe05b] f000:e05b (unk. ctxt): xor ax, ax
 Bochs for Windows - Console
                     ] reading configuration from bochsrc.bxrc
] installing win32 module as the Bochs GUI
] using log file bochs.log
0000000000i[
 0000000000i[
 ]i0000000000i
Next at t=0
(0) [0xfffffff0] f000:fff0 (unk. ctxt): jmp far f000:e05b
                                                                               ; ea5be000f0
<bochs:1> r
rax: 0x00000000:00000000 rcx: 0x00000000:00000000
rdx: 0x00000000:00000f20 rbx: 0x00000000:00000000
 rsp: 0x00000000:00000000 rbp: 0x00000000:00000000
 si: 0x00000000:00000000 rdi: 0x00000000:00000000
r8 : 0x00000000:00000000 r9 : 0x00000000:00000000
r10: 0x00000000:00000000 r11: 0x00000000:00000000
r12: 0x00000000:00000000 r13: 0x00000000:00000000
 -14: 0x00000000:00000000 r15: 0x00000000:00000000
rip: 0x00000000:0000fff0
eflags 0x000000002
IOPL=O id vip vif ac vm rf nt of df if tf sf zf af pf cf
<books:2> s
Next at t=1
(0) [0x000fe05b] f000:e05b (unk. ctxt): xor ax, ax
                                                                               : 31c0
 <bochs:3> r
 rax: 0x00000000:00000000 rcx: 0x00000000:00000000
 dx: 0x00000000:00000f20 rbx: 0x00000000:00000000
 rsp: 0x00000000:00000000 rbp: 0x00000000:00000000
rsi: 0x00000000:00000000 rdi: 0x00000000:00000000
r8 : 0x00000000:00000000 r9 : 0x0000000:00000000
 10: 0x00000000:00000000 r11: 0x00000000:00000000
 -12: 0x00000000:00000000 r13: 0x00000000:00000000
 14: 0x00000000:00000000 r15: 0x00000000:00000000
 ip: 0x00000000:0000e05b
eflags 0x00000002
IOPL=0 id vip vif ac vm rf nt of df if tf sf zf af pf cf
```

```
Bochs for Windows - Console
]i0000000000i
                 ] using log file bochs.log
lext at t=0
(0) [0xfffffff0] f000:fff0 (unk. ctxt): jmp far f000:e05b
                                                                ; ea5be000f0
ax: 0x00000000:00000000 rcx: 0x00000000:00000000
12: 0x00000000:00000000 r13: 0x00000000:00000000
14: 0x00000000:00000000 r15: 0x00000000:00000000
ip: 0x00000000:0000fff0
 flags 0x00000002
IOPL=O id vip vif ac vm rf nt of df if tf sf zf af pf cf
bochs:2> s
lext at t=1
(0) [0x000fe05b] f000:e05b (unk. ctxt): xor ax, ax
                                                                ; 31c0
shochs:3> r
ax: 0x00000000:00000000 rcx: 0x00000000:00000000
rdx: 0x00000000:00000f20 rbx: 0x00000000:00000000
rsp: 0x00000000:00000000 rbp: 0x00000000:00000000
si: 0x00000000:00000000 rdi: 0x00000000:00000000
8 : 0x00000000:00000000 r9 : 0x00000000:00000000
-10: 0x00000000:00000000 r11: 0x00000000:00000000
12: 0x00000000:00000000 r13: 0x00000000:00000000
14: 0x00000000:00000000 r15: 0x00000000:00000000
 ip: 0x00000000:0000e05b
eflags 0x00000002
IOPL=0 id vip vif ac vm rf nt of df if tf sf zf af pf cf
bochs:4> s
lext at t=2
(0) [0x000fe05d] f000:e05d (unk. ctxt): out 0x0d, al
                                                                ; e60d
```



```
Bochs for Windows - Console
(0) [0xfffffff0] f000:fff0 (unk. ctxt): jmp far f000:e05b
                                                                       ; ea5be000f0
rax: 0x00000000:00000000 rcx: 0x00000000:00000000
rdx: 0x00000000:00000f20 rbx: 0x00000000:00000000
rsp: 0x0000000:00000000 rbp: 0x00000000:00000000
rsi: 0x00000000:00000000 rdi: 0x00000000:00000000
r8 : 0x00000000:00000000 r9 : 0x00000000:00000000
-10: 0x00000000:00000000 r11: 0x00000000:00000000
-12: 0x00000000:00000000 r13: 0x00000000:00000000
-14: 0x00000000:00000000 r15: 0x00000000:00000000
rip: 0x00000000:0000fff0
eflags 0x00000002
IOPL=0 id vip vif ac vm rf nt of df if tf sf zf af pf cf
s
(0) [0x000fe05b] f000:e05b (unk. ctxt): xor ax, ax
                                                                       ; 31c0
<bochs:3> r
rax: 0x00000000:00000000 rcx: 0x00000000:00000000
rdx: 0x00000000:00000f20 rbx: 0x00000000:0000000
sp: 0x00000000:00000000 rbp: 0x00000000:00000000
r8 : 0x00000000:00000000 r9 : 0x00000000:00000000
r10: 0x00000000:00000000 r11: 0x00000000:00000000
r12: 0x00000000:00000000 r13: 0x00000000:00000000
r14: 0x00000000:00000000 r15: 0x00000000:00000000
ip: 0x00000000:0000e05b
eflags 0x000000002
IOPL=O id vip vif ac vm rf nt of df if tf sf zf af pf cf
<bochs:4> vb 0:0x7C00
<books:5> c
(2008345513) Breakpoint 10285624, in 0000:7c00 (0x00007c00)
Next at t=2082128
(0) [0x00007c00] 0000:7c00 (unk. ctxt): jmp .+0x003b (0x00007c3e) ; e93b00
C:\WINDOWS\system32\cmd.exe
s
Next at t=2082147
(0) [0x00007d2f] 0000:7d2f (unk. ctxt): int 0x10
Next at t=2082148
(0) [0x000c0116] c000:0116 (unk. ctxt): pushf
<books:26> s
Next at t=2082149
(0) [0x000c0117] c000:0117 (unk. ctxt): cmp ah, 0x0f
                                                                       ; 80fc0f
<bochs:27> s
Next at t=2082150
(0) [0x000c011a] c000:011a (unk. ctxt): jnz .+0x0006 (0x000c0122) ; 7506
<books:28> s
Next at t=2082151
(0) [0x000c0122] c000:0122 (unk. ctxt): cmp ah, 0x1a
                                                                      ; 80fc1a
<bochs:29> s
Next at t=2082152
(0) [0x000c0125] c000:0125 (unk. ctxt): jnz .+0x0006 (0x000c012d) ; 7506
<books:30> s
Next at t=2082153
(0) [0x000c012d] c000:012d (unk. ctxt): cmp ah, 0x0b
                                                                     ; 80fc0b
<bochs:31> s
Next at t=2082154
(0) [0x000c0130] c000:0130 (unk. ctxt): jnz .+0x0006 (0x000c0138) ; 7506
<bochs:32> s
Next at t=2082155
(0) [0x000c0138] c000:0138 (unk. ctxt): cmp ax, 0x1103
                                                                     : 3d0311
 In bx_win32_gui_c::exit(void)!
Bochs is exiting. Press ENTER when you're ready to close this window.
 :\OS\LAB\LAB3>s
```