

```
Bochs for Windows - Console
Microsoft Windows [Version 10.0.18362.356]
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C:\Users\Fannisa RM>cd..
C:\Users>cd..
C:\>dir
Volume in drive C is OS-WIN10
Volume Serial Number is FA40-75D7

Directory of C:\

29/08/2019  17:32    <DIR>          Chrome
22/08/2019  03:44    <DIR>          Intel
22/08/2019  06:10    <DIR>          Nero64Portable
22/08/2019  08:12    <DIR>          OEM
03/09/2015  13:42    <DIR>          OS
10/09/2019  14:41    <DIR>          100.887.420 OS.rar
19/03/2019  11:52    <DIR>          PerfLogs
17/09/2019  09:08    <DIR>          Program Files
17/09/2019  18:23    <DIR>          Program Files (x86)
22/08/2019  03:59    <DIR>          Users
12/09/2019  16:12    <DIR>          Windows
               1 File(s)      100.887.420 bytes
               10 Dir(s)    209.226.756.096 bytes free

C:\>cd os
C:\OS>setpath
C:\OS>Path=C:\OS\Dev-Cpp\bin;C:\OS\Bochs-2.3.5;c:\OS\Perl;C:\Windows;C:\Windows\System32
C:\OS>cd lab/lab2
C:\OS\LAB\LAB2>bximage
=====
                    bximage
                    Disk Image Creation Tool for Bochs
                    $Id: bximage.c,v 1.32 2006/06/16 07:29:33 vruppert Exp $
=====

Do you want to create a floppy disk image or a hard disk image?
Please type hd or fd. [hd] fd
```

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Choose the size of floppy disk image to create, in megabytes.
Please type 0.16, 0.18, 0.32, 0.36, 0.72, 1.2, 1.44, 1.68, 1.72, or 2.88.
[1.44] 1.44
I will create a floppy image with
  cyl=80
  heads=2
  sectors per track=18
  total sectors=2880
  total bytes=1474560

What should I name the image?
[a.img] floppy.a.img

Writing: [ ] Done.

I wrote 1474560 bytes to floppy.a.img.

The following line should appear in your bochsrc:
  floppy: image="floppy.a.img", status=inserted
(The line is stored in your windows clipboard, use CTRL-V to paste)

Press any key to continue

C:\OS\LAB\LAB2>dosfp
C:\OS\LAB\LAB2>cd "..\..\Bochs-2.3.5\dos"

C:\OS\Bochs-2.3.5\dos>..\bochs -q -f bochsrc2.txt
00000000000i[APIC?] local apic in  initializing
=====
                    Bochs x86 Emulator 2.3.5
                    Build from CVS snapshot, on September 16, 2007
=====
00000000000i[      ] reading configuration from bochsrc2.txt
00000000000i[      ] installing win32 module as the Bochs GUI
00000000000i[      ] using log file bochsout.txt
# In bx_win32_gui.c:exit(void)!
=====
Bochs is exiting with the following message:
[WGUI ] POKER button turned off.
=====

C:\OS\Bochs-2.3.5\dos>cd "C:\os\lab\lab2"
```

```
Bochs for Windows - Console
C:\OS\LAB\LAB2>S

C:\OS\LAB\LAB2>..\..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
0000000000i[APIC?] local apic in  initializing
=====
                Bochs x86 Emulator 2.3.5
                Build from CVS snapshot, on September 16, 2007
=====
0000000000i[      ] reading configuration from bochsrc.bxrc
0000000000i[      ] installing win32 module as the Bochs GUI
0000000000i[      ] using log file bochs.log
# In bx_win32_gui_c::exit(void)!
=====
Bochs is exiting with the following message:
[BIOS ] No bootable device.
=====

C:\OS\LAB\LAB2>boot.asm

C:\OS\LAB\LAB2>make fp.disk
nasm boot.asm -o boot.bin -f bin
dd if=boot.bin of=floppya.img
rawwrite dd for windows version 0.5.
Written by John Newbigin <jn@it.swin.edu.au>
This program is covered by the GPL.  See copying.txt for details
1+0 records in
1+0 records out

C:\OS\LAB\LAB2>S

C:\OS\LAB\LAB2>..\..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
0000000000i[APIC?] local apic in  initializing
=====
                Bochs x86 Emulator 2.3.5
                Build from CVS snapshot, on September 16, 2007
=====
0000000000i[      ] reading configuration from bochsrc.bxrc
0000000000i[      ] installing win32 module as the Bochs GUI
0000000000i[      ] using log file bochs.log
# In bx_win32_gui_c::exit(void)!
=====
Bochs is exiting with the following message:
[VGUI ] POWER button turned off.
=====
```

```
Bochs for Windows - Console
C:\OS\LAB\LAB2>boot.asm

C:\OS\LAB\LAB2>make fp.disk
nasm boot.asm -o boot.bin -f bin
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Written by John Newbigin <jn@it.swin.edu.au>
This program is covered by the GPL.  See copying.txt for details
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1+0 records out

C:\OS\LAB\LAB2>S

C:\OS\LAB\LAB2>..\..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
0000000000i[APIC?] local apic in  initializing
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                Build from CVS snapshot, on September 16, 2007
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0000000000i[      ] reading configuration from bochsrc.bxrc
0000000000i[      ] installing win32 module as the Bochs GUI
0000000000i[      ] using log file bochs.log
# In bx_win32_gui_c::exit(void)!
=====
Bochs is exiting with the following message:
[VGUI ] POWER button turned off.
=====

C:\OS\LAB\LAB2>kernel.asm

C:\OS\LAB\LAB2>make kernel
nasm kernel.asm -o kernel.bin -f bin

C:\OS\LAB\LAB2>dir
Volume in drive C is OS-WIN10
Volume Serial Number is FA40-75D7

Directory of C:\OS\LAB\LAB2

18/09/2019  09:53  <DIR>          .
18/09/2019  09:53  <DIR>          ..
18/09/2019  09:53                10,153 bochs.log
15/12/2008  16:18                1,625 bochsrc.bxrc
18/09/2019  09:52                15,908 boot.asm
```

```
Bochs for Windows - Console
C:\OS\LAB\LAB2>S

C:\OS\LAB\LAB2>..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
0000000000i[APIC?] local apic in  initializing
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Bochs is exiting with the following message:
[WGUI ] POWER button turned off.
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C:\OS\LAB\LAB2>kernel.asm

C:\OS\LAB\LAB2>notepad kernel.asm

C:\OS\LAB\LAB2>make kernel
nasm kernel.asm -o kernel.bin -f bin

C:\OS\LAB\LAB2>S

C:\OS\LAB\LAB2>..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
0000000000i[APIC?] local apic in  initializing
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Bochs is exiting with the following message:
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C:\OS\LAB\LAB2>kernel.asm

C:\OS\LAB\LAB2>make kernel
```

```
Bochs for Windows - Console
C:\OS\LAB\LAB2>kernel.asm

C:\OS\LAB\LAB2>make kernel
nasm kernel.asm -o kernel.bin -f bin

C:\OS\LAB\LAB2>^S
'^' is not recognized as an internal or external command,
operable program or batch file.

C:\OS\LAB\LAB2>S

C:\OS\LAB\LAB2>..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
0000000000i[APIC?] local apic in  initializing
=====
                Bochs x86 Emulator 2.3.5
                Build from CVS snapshot, on September 16, 2007
=====
0000000000i[      ] reading configuration from bochsrc.bxrc
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-
```

