

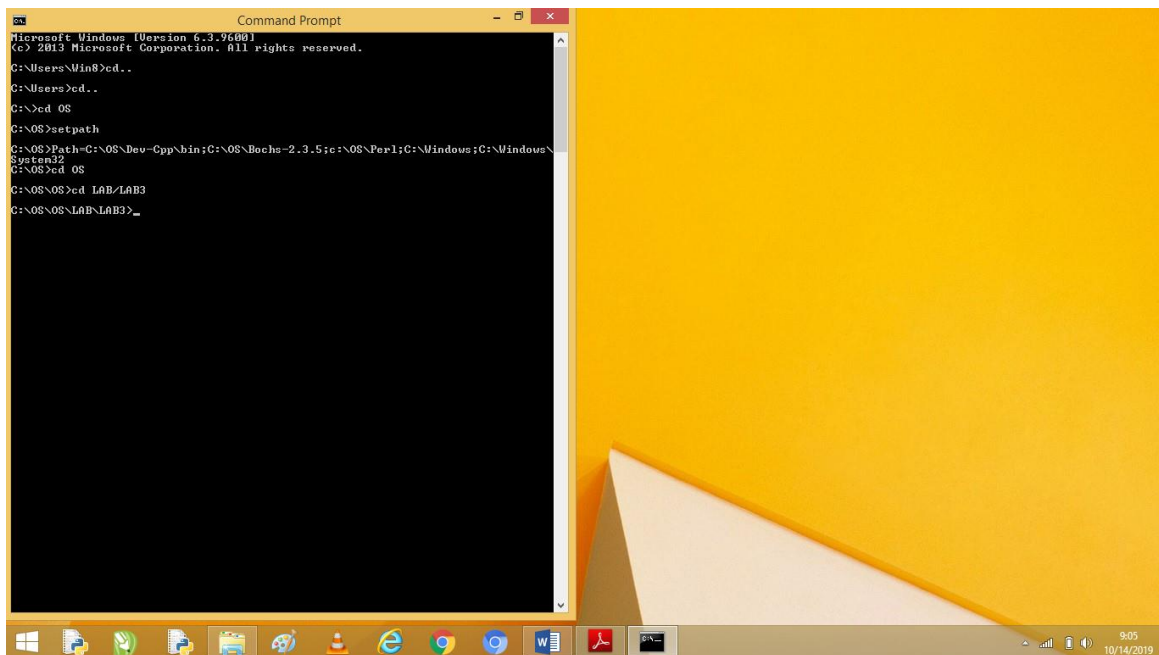
MODUL KE 3

Nama : Dzaki Fadhlurrohman

NIM : L200180064

Kelas : B

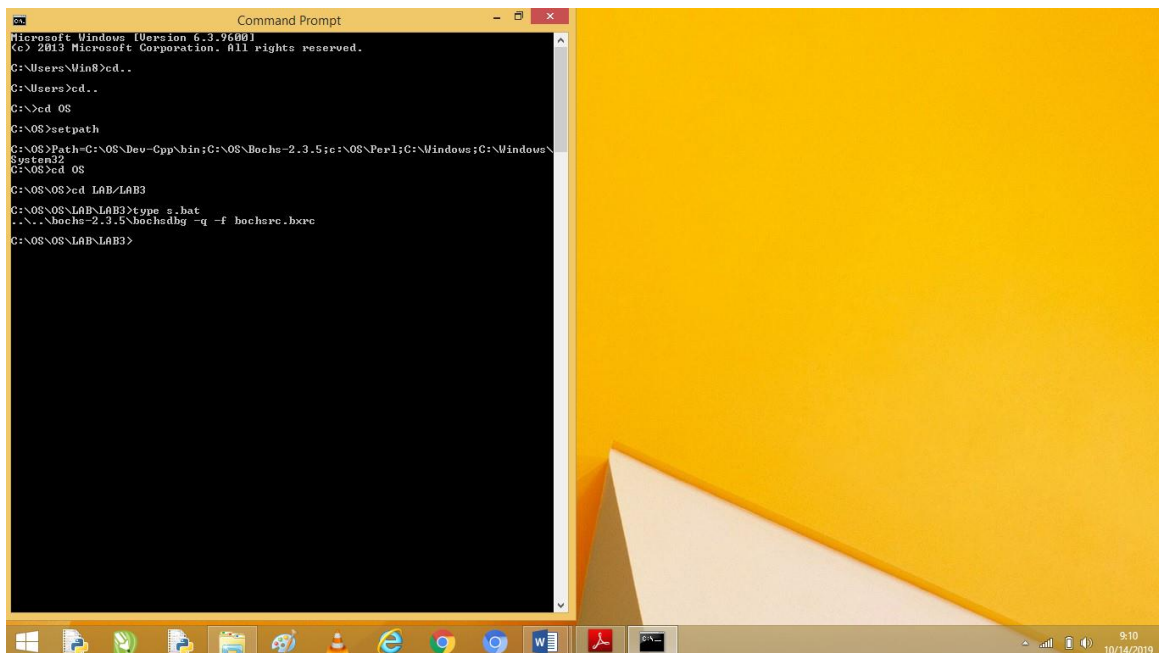
1. Masuk ke direktori OS, mengetik perintah 'setpath', kemudian masuk ke direktori LAB/LAB3



```
Microsoft Windows [Version 6.3.9600]
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C:\Users\Min8>cd..
C:\Users>cd..
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 OS
C:\OS\OS>cd LAB/LAB3
C:\OS\OS\LAB\LAB3>_
```

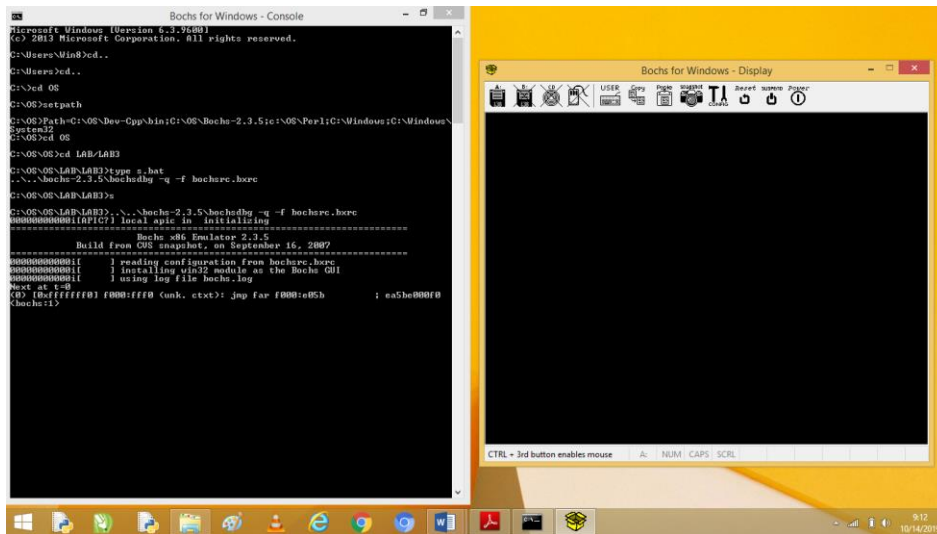
2. Masukkan perintah 'type s.bat'



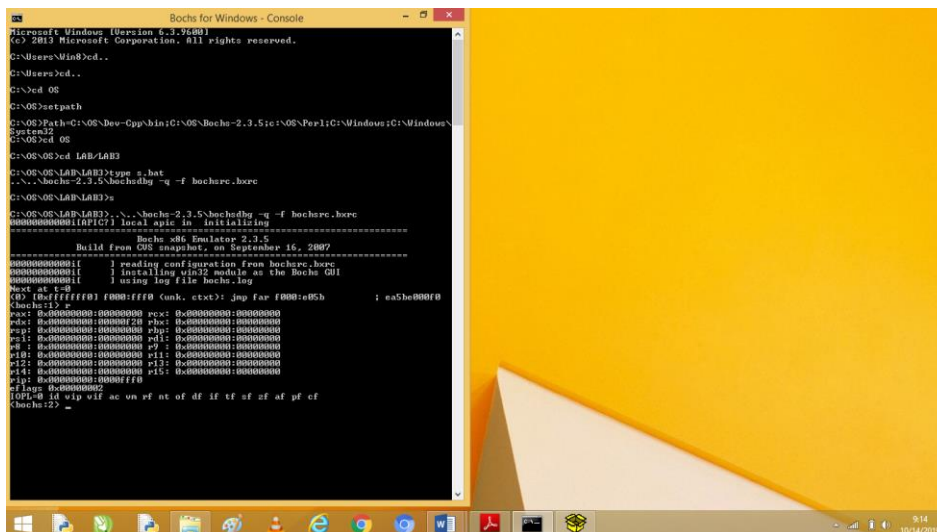
```
Microsoft Windows [Version 6.3.9600]
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C:\Users\Min8>cd..
C:\Users>cd..
C:\>cd OS
C:\OS>setpath
C:\OS>Path=C:\OS\Dev-Cpp\bin;C:\OS\Bochs-2.3.5;c:\OS\Perl;C:\Windows;C:\Windows\
System32
C:\OS>cd OS
C:\OS\OS>cd LAB/LAB3
C:\OS\OS\LAB\LAB3>type s.bat
..\..\bochs-2.3.5\bochdbg -q -f bochsre.hxc
C:\OS\OS\LAB\LAB3>
```

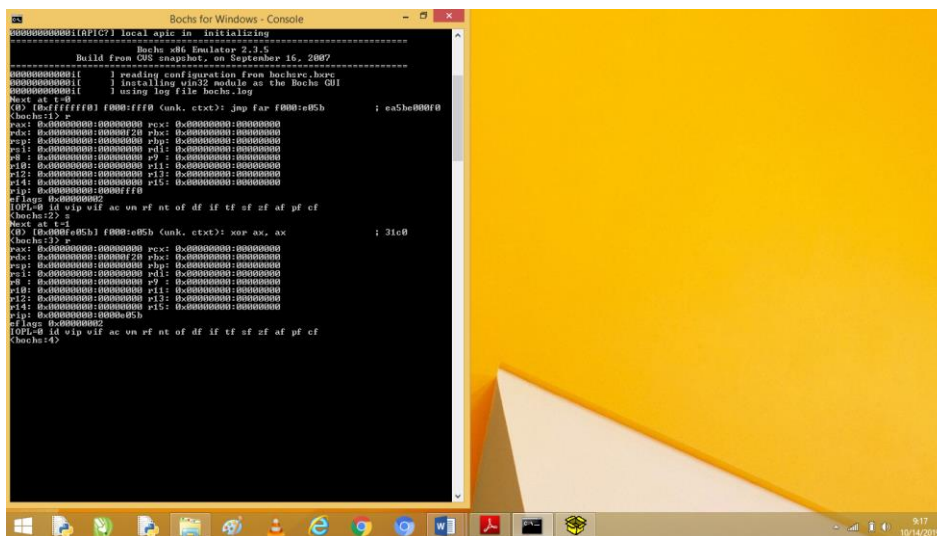
3. Mulai debugging dengan memasukkan perintah 's'



4. Untuk melihat isi register CS dan IP, masukkan perintah 'r'

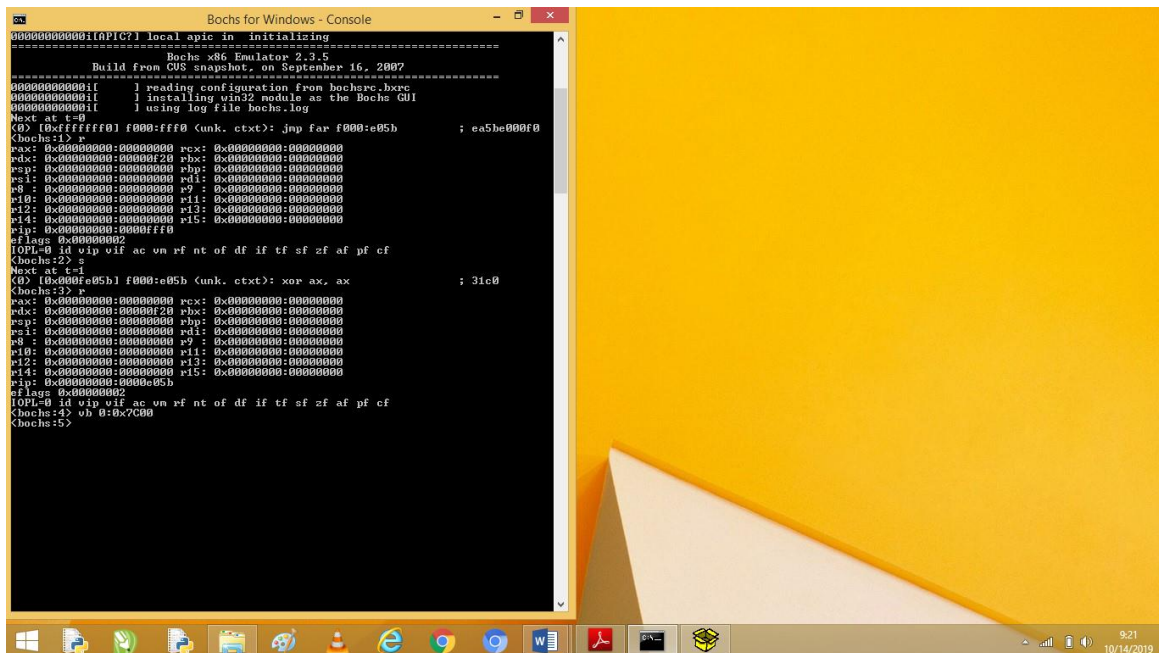


5. Untuk mengeksekusi perintah selanjutnya, ketikkan 's' <ENTER> kemudian 'r' <ENTER>



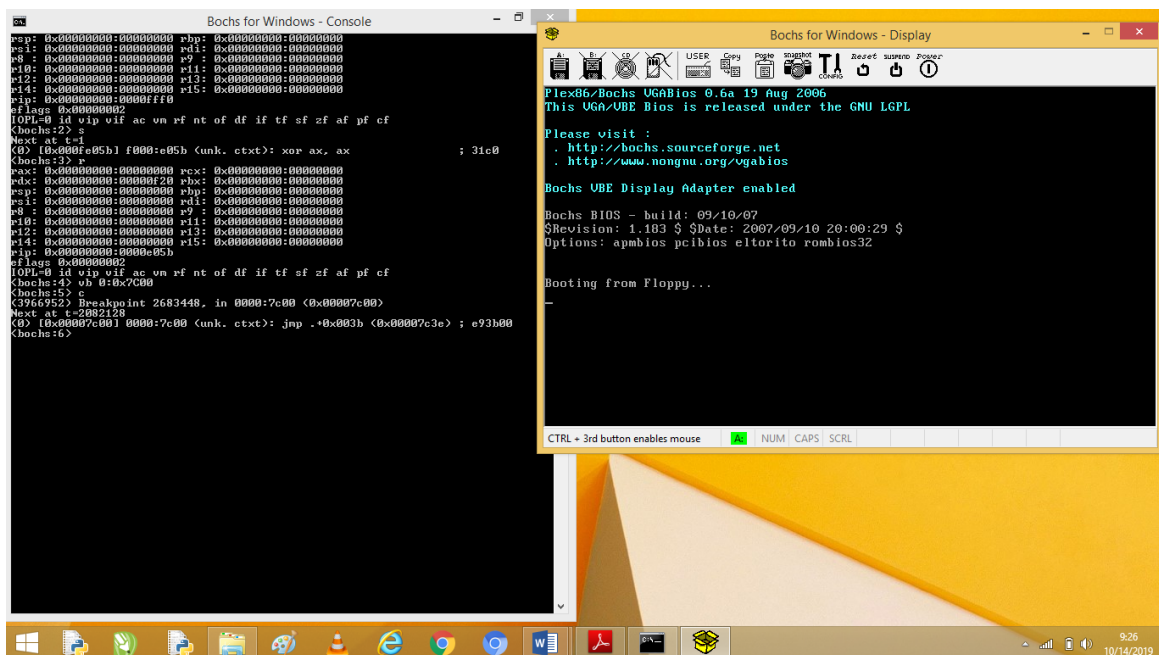
6. Untuk membuat titik pemberhentian pada alamat, masukkan perintah 'vb 0:0x7C00'

<ENTER>

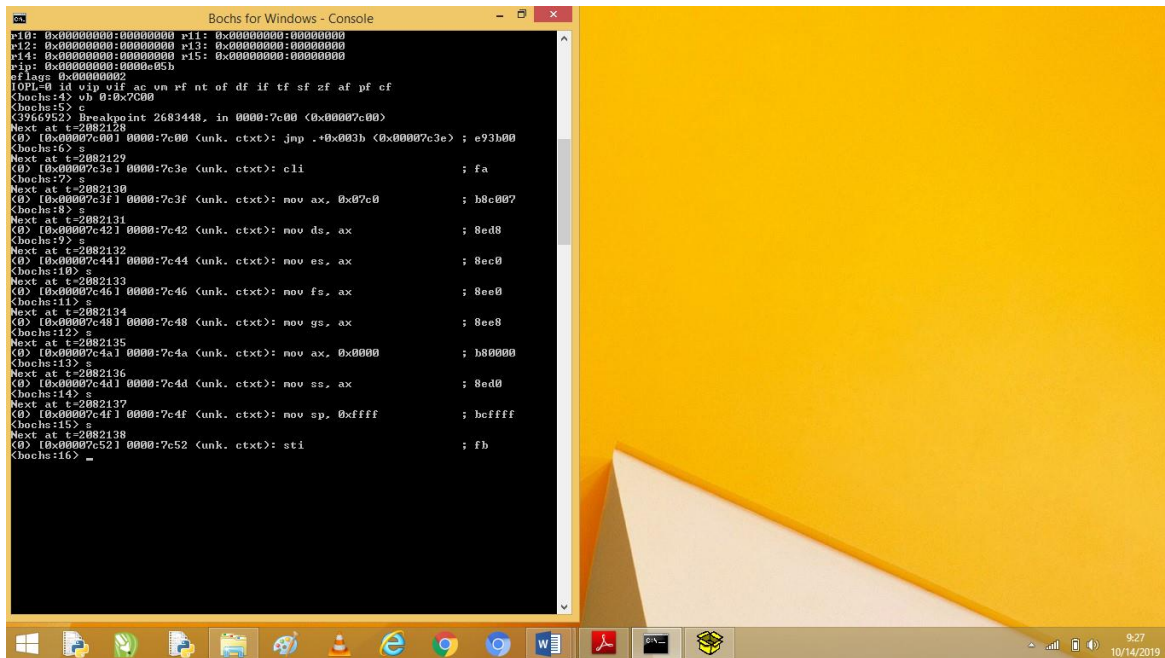


Untuk meneruskan prosesnya sampai ke titik pemberhentian, masukkan perintah 'c'

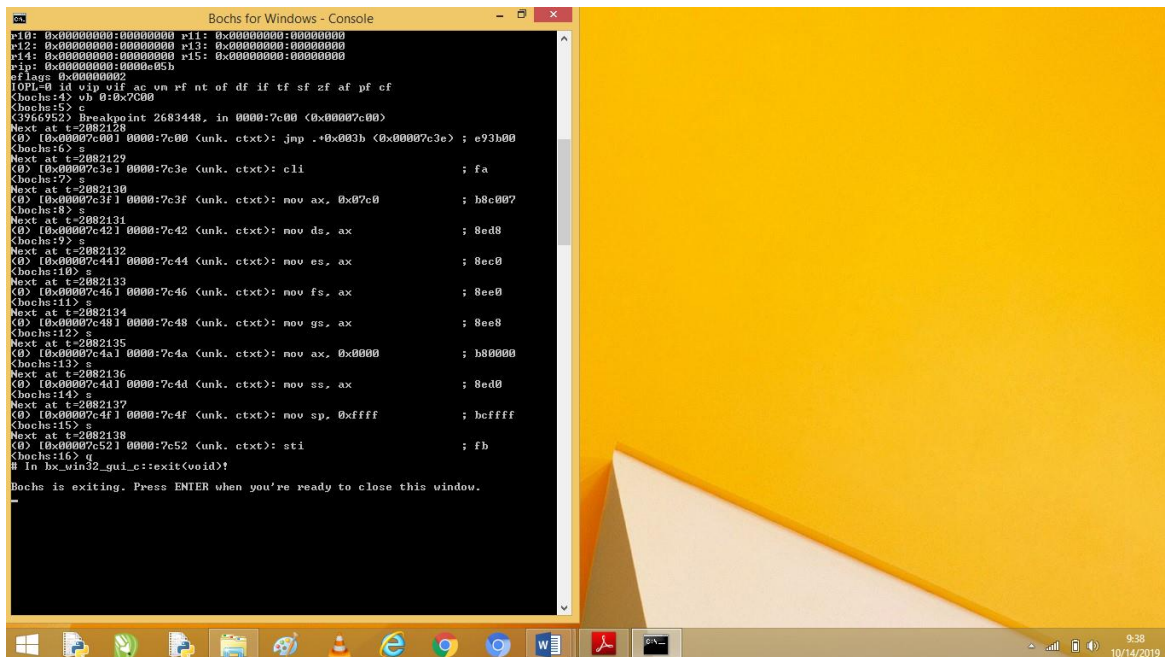
<ENTER>



7. Masukkan perintah 's' <ENTER> sebanyak 10 kali



8. Perintahkan PC untuk melanjutkan pekerjaannya dengan memasukkan perintah 'c', atau menghentikan proses dengan perintah 'q'.



- The image shows a Windows 10 desktop environment. In the foreground, there is a terminal window titled "Bochs for Windows - Console". It displays the command prompt output for running "bochs -q". The output shows the BIOS boot process, including the "Bochs x86 Emulator 2.3.5" build information and the "Bochs UBE Display Adapter enabled" message. The terminal also shows the "Bochs BIOS - build: 09/10/07" and "Options: apmbios pcibios eltorito rombios32". The terminal window is partially obscured by a Bochs emulator window titled "Bochs for Windows - Display". The Bochs emulator window shows a toolbar with various icons and a status bar at the bottom indicating "CTRL + 3rd button enables mouse". The desktop background is a blue and white abstract pattern. The taskbar at the bottom shows several open applications, including the Start menu, File Explorer, and various utility programs.

- The image shows a Windows 10 desktop environment. In the foreground, a yellow sticky note is partially visible on the right side. Behind it, a Bochs x86 Emulator console window is open, displaying the output of a virtual machine boot. The console text shows the emulator version (2.3.5), the build date (September 16, 2007), and the loading of configuration files (bochsrc.bsrc and win32 module). It then shows the execution of assembly instructions, including jumps, moves, and pushes, with addresses and hex values. The taskbar at the bottom contains icons for various applications, including File Explorer, Edge, Chrome, and the Windows Store. The system tray in the bottom right corner shows the date and time as 9:43 on 10/14/2017.