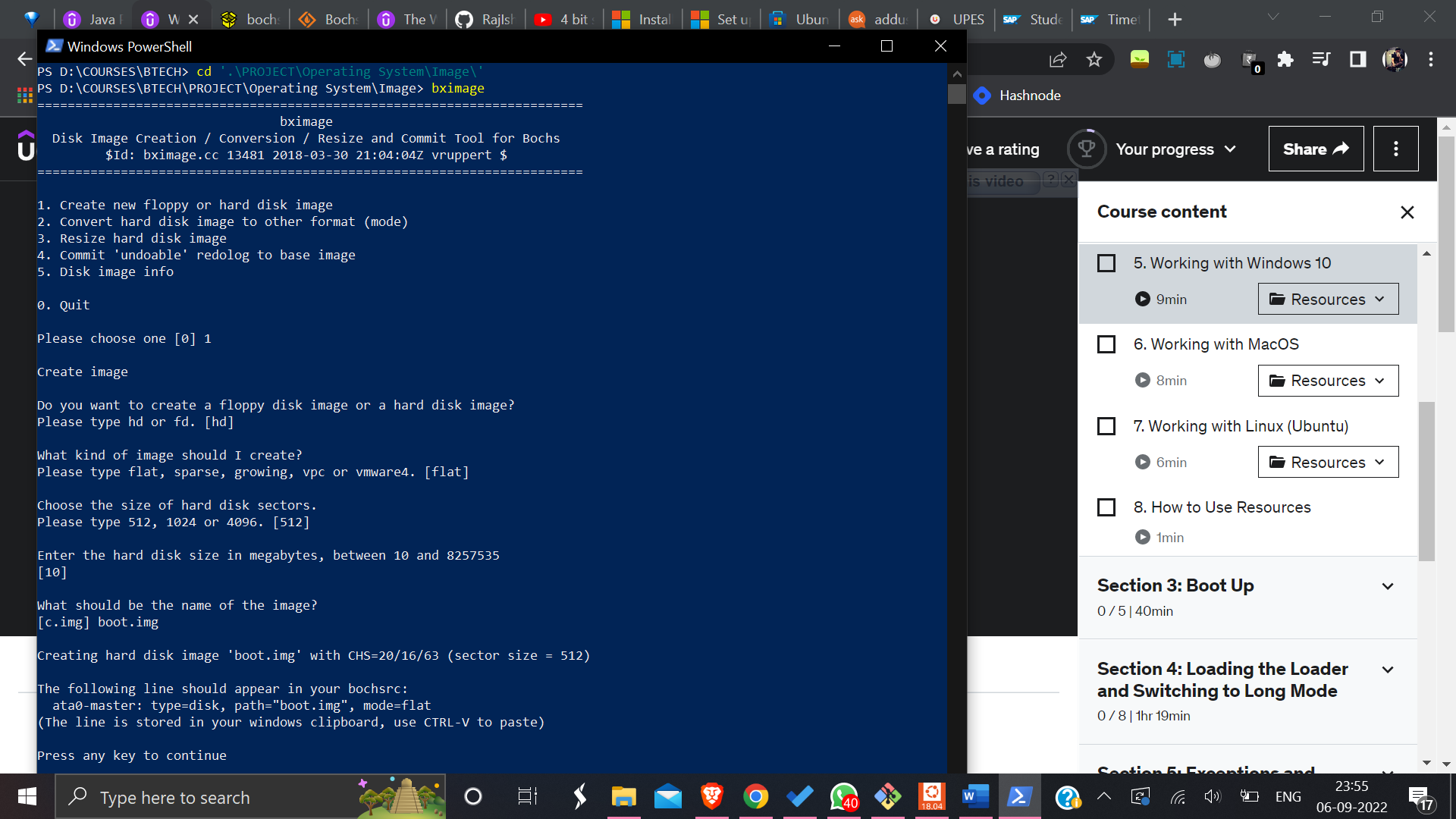
1. Install and setup WSL: <https://docs.microsoft.com/en-us/windows/wsl/install-manual>
2. Install GCC: sudo apt install gcc
3. Check GCC installation status: gcc -v
4. Install Nasm assembler (Used for assembly code): sudo apt install nasm
5. Check Nasm installation: nasm -v
6. Install Bosch Emulator 2.6.11 (64-bit) (It is a virtual machine: <https://bochs.sourceforge.io/>
7. Edit environment variable
8. Open powershell and run ‘bximage’ to create image file
9. Enter 1 for creating harddisk image



1. Open Bosch
2. Edit CPUID:
   1. X86-64 and long mode [enable]
   2. 1G pages support in long mode [enable]
3. Edit Memory:
   1. Memory size [1024]
   2. Host allocated memory size [1024]
4. Edit Disk & Boot:
   1. ATA channel 0:
      1. First HD/CD on channel 0
         1. Type of ATA device [disk]
         2. Path or physical device name [boot.img]
         3. Cylinders [20]
         4. Heads [16]
         5. Sectors per track [63]
   2. Boot Options
      1. Boot drive #1 [disk]
5. Save the configuration file and open the file in VS Code
6. Install C/C++ and x8664assembly (by fredhappyface) extensions in vs code.
7. Install Rufus which is used to create bootable usb flash drive: <https://rufus.ie/en/>