

## Resources for Assignment 2

### Setting Up Artix Linux:

Artix Linux Download : <https://artixlinux.org/download.php>

Balena Etcher : <https://www.balena.io/etcher/>

Installation Guide : <https://wiki.artixlinux.org/Main/Installation>

### Creating a UEFI based Virtual Machine:

Enabling EFI on Virtual Box VM's :

<https://www.makeuseof.com/set-up-efi-linux-virtual-machine-virtualbox/>

Enabling EFI on VmWare :

[https://forums.ivanti.com/s/article/How-to-enable-UEFI-in-VMWare-Workstation?language=en\\_US](https://forums.ivanti.com/s/article/How-to-enable-UEFI-in-VMWare-Workstation?language=en_US)

Enabling EFI on Qemu :

<https://blog.hartwork.org/posts/get-qemu-to-boot-efi/>

### Compiling the Linux kernel:

[https://wiki.archlinux.org/title/Kernel/Traditional\\_compilation](https://wiki.archlinux.org/title/Kernel/Traditional_compilation)

### Config File:

<https://drive.google.com/file/d/11VYZx11F7asr3h-1hum0ng7nimlH4IN/view?usp=sharing>

### More Information about Arch Linux Repositories:

<https://wiki.artixlinux.org/Main/Repositories>

extra, community and multilib would be sufficient

### More Resources:

If you are unable to boot into the kernel then kindly refer to the blog post here:

<https://cool-dev.in/posts/Fixing-Non-Booting-Kernel-Based-On-Custom-Config/>

If you are unable to download Artix config file from the drive then you can download it from here as well:

<https://github.com/gopi487krishna/ArtixConfig.git> (Select the 'config-rev-9-gold' config file and click on

**Raw** button to get the link)

Please read manual pages for the system calls and functions required.