Operating Systems Assignment-1 README file

Readme File for Dual booting Linux

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All commands used during the process are listed below

- ➢ *Get the latest Linux kernel source code*

  Download the zip file from kernel.org

- ➢ *Extract tar.xz file*

  $ tar –xvf linux-6.5.1.tar.xz

- ➢ *Configure the Linux kernel features and modules*

  $ cd linux-6.5.1

  $ cp -v /boot/config-$(uname -r) .config

- ➢ *Install the required compilers and other tools*

$ sudo dnf install git gcc fakeroot make ncurses-devel bison flex openssl-devel dwarves elfutils-libelf-devel

- ➢ *How to compile a Linux Kernel*

  $ yes "" | make -j $(nproc)

- ➢ *Install the Linux kernel modules*

  $ sudo make modules_install

- ➢ *Install the Linux kernel*

  $ sudo make install