```
arnav@kapoor:~/Desktop$ cd /linux_work
git clone git://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git linux_mainline
cd linux_mainline; ls -h
bash: cd: /linux_work: No such file or directory
Cloning into 'linux_mainline'...
remote: Enumerating objects: 10800907, done.
remote: Counting objects: 100% (755/755), done.
remote: Compressing objects: 100% (483/483), done.
remote: Total 10800907 (delta 465), reused 378 (delta 272), pack-reused 10800152
Receiving objects: 100% (10800907/10800907), 2.98 GiB | 10.30 MiB/s, done.
Resolving deltas: 100% (8874299/8874299), done.
Checking objects: 100% (33554432/33554432), done.
Updating files: 100% (88842/88842), done.
arch        CREDITS         fs          ipc       lib         mm        samples     tools
block       crypto          include     Kbuild    LICENSES    net       scripts     usr
certs       Documentation   init        Kconfig   MAINTAINERS README    security    virt
COPYING     drivers         io_uring    kernel    Makefile    rust      sound
arnav@kapoor:~/Desktop/linux_mainline$ git format-patch -1 a035d552a93bb9ef6048733bb9f2a0dc857ff869
0001-Makefile-Globally-enable-fall-through-warning.patch
```

```
bash: cd: /linux_work: No such file or directory
arnav@kapoor:~/Desktop$ git clone git://git.kernel.org/pub/scm/linux/kernel/git/stable/linux-stable.git linux_stable
cd linux_stable
git branch -a | grep linux-5
    remotes/origin/linux-5.12.y
    remotes/origin/linux-5.11.y
    remotes/origin/linux-5.10.y

git checkout linux-5.12.y
Cloning into 'linux_stable'...
remote: Enumerating objects: 13402413, done.
remote: Counting objects: 100% (575/575), done.
remote: Compressing objects: 100% (338/338), done.
remote: Total 13402413 (delta 354), reused 323 (delta 237), pack-reused 13401838
Receiving objects: 100% (13402413/13402413), 5.37 GiB | 10.07 MiB/s, done.
Resolving deltas: 100% (10705738/10705738), done.
Updating files: 100% (88842/88842), done.
  remotes/origin/linux-5.0.y
  remotes/origin/linux-5.1.y
  remotes/origin/linux-5.10.y
  remotes/origin/linux-5.11.y
  remotes/origin/linux-5.12.y
  remotes/origin/linux-5.13.y
  remotes/origin/linux-5.14.y
  remotes/origin/linux-5.15.y
  remotes/origin/linux-5.16.y
  remotes/origin/linux-5.17.y
  remotes/origin/linux-5.18.y
  remotes/origin/linux-5.19.y
  remotes/origin/linux-5.2.y
  remotes/origin/linux-5.3.y
  remotes/origin/linux-5.4.y
```

```
arnav@kapoor:~/Desktop/linux_stable$ ls /boot
config-6.11.0-24-generic        memtest86+ia32.efi
config-6.11.0-25-generic        memtest86+x64.bin
efi                             memtest86+x64.efi
grub                            System.map-6.11.0-24-generic
initrd.img                      System.map-6.11.0-25-generic
initrd.img-6.11.0-24-generic    vmlinuz
initrd.img-6.11.0-25-generic    vmlinuz-6.11.0-24-generic
initrd.img.old                  vmlinuz-6.11.0-25-generic
memtest86+ia32.bin              vmlinuz.old
```