```
pi@raspberrypi:~ $ mkdir CLXBHE005
pi@raspberrypi:~ $ ls
Bookshelf  CLXBHE005  Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos
pi@raspberrypi:~ $ ifconfig
lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 926  bytes 87970 (85.9 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 926  bytes 87970 (85.9 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 169.254.6.94  netmask 255.255.0.0  broadcast 169.254.255.255
        inet6 fe80::d1b9:2530:f821:64a3  prefixlen 64  scopeid 0x20<link>
        ether b8:27:eb:75:32:cd  txqueuelen 1000  (Ethernet)
        RX packets 624  bytes 56990 (55.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1850  bytes 179682 (175.4 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

pi@raspberrypi:~ $ lscpu
Architecture:          armv6l
Byte Order:            Little Endian
CPU(s):                1
On-line CPU(s) list:   0
Thread(s) per core:    1
Core(s) per socket:    1
Socket(s):             1
Vendor ID:             ARM
Model:                 7
Model name:            ARM1176
Stepping:              r0p7
CPU max MHz:           1000.0000
CPU min MHz:           700.0000
BogoMIPS:              697.95
Flags:                 half thumb fastmult vfp edsp java tls
pi@raspberrypi:~ $ vcgencmd measure_temp
temp=36.9'C
pi@raspberrypi:~ $
```

1) Git tracks the changes you make to files, so you have a record of what has been done, and you can revert to specific versions should you ever need to. Git also makes collaboration easier, allowing changes by multiple people to all to be merged into one source.
2) git add, git commit git remote, and git push commands
3)
   a) It means a file that has been created within your repo's working directory but has not yet been added to the repository's tracking index using the git add command.
   b) It means a file has been prepared to be committed, i.e. it is ready to be committed. Git, with its index, allows you to commit only certain parts of the changes you've done since the last commit.
   c) It means an individual change to a file (or set of files) has been saved and a unique ID (hash) has been created, that allows you to keep a record of what changes were made when and by who.

Git Shared Repository Link: https://github.com/BhekananiCele/Tutorial1.git