```
pi@raspberrypi:~ $ mkdir MLXKAM005
pi@raspberrypi:~ $ ls
MLXKAM005
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 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

usb0: flags=4099<UP,BROADCAST,MULTICAST>  mtu 1500
        ether 4e:1f:c4:d4:34:6b  txqueuelen 1000  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.43.248  netmask 255.255.255.0  broadcast 192.168.43.255
        inet6 fe80::4594:505a:fa8b:8cbb  prefixlen 64  scopeid 0x20<link>
        ether b8:27:eb:aa:8b:el  txqueuelen 1000  (Ethernet)
        RX packets 350  bytes 39193 (38.2 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 129  bytes 22039 (21.5 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=33.6'C
pi@raspberrypi:~ $
```

1. It's a version control application that allows people to keep track of changes you have made to code or files over time. It also provides a powerful way for people to collectively build systems by collaborating and keeping track of changes.
2. Commands: (Where the four commands are numbered next to them.
   a. git status
   b. git add changes.txt (1)
   c. git commit -m " Made changes to changes.txt" (2)
   d. git remote add origin https://github.com/fake/link.git (3)
   e. git push -u origin master (4)

3. Fil
   a. It means that the files are not tracked by the repository
   b. They are files that are staged for a commit but have not been committed to the repository.
   c. These are files that are saved to git repository.
4.