# COMANDOS LINUX / MAC-OS

1. **File and Directory Commands:**
   * Linux: **ls**
     + macOS: **ls**
   * Linux: **cp**
     + macOS: **cp**
   * Linux: **mv**
     + macOS: **mv**
   * Linux: **rm**
     + macOS: **rm**
   * Linux: **mkdir**
     + macOS: **mkdir**
   * Linux: **rmdir**
     + macOS: **rmdir**
2. **Text File Viewing and Editing:**
   * Linux: **cat**
     + macOS: **cat**
   * Linux: **nano**
     + macOS: **nano** (needs to be installed separately)
   * Linux: **vi** or **vim**
     + macOS: **vi** or **vim**
   * Linux: **gedit** (on GNOME desktop)
     + macOS: **TextEdit** (GUI) or **open -e** (to open with the default text editor)
3. **System Information:**
   * Linux: **uname**
     + macOS: **uname**
   * Linux: **df**
     + macOS: **df**
   * Linux: **free**
     + macOS: **vm\_stat** or **top**
4. **Network Commands:**
   * Linux: **ifconfig**
     + macOS: **ifconfig**
   * Linux: **ping**
     + macOS: **ping**
   * Linux: **netstat**
     + macOS: **netstat**
   * Linux: **traceroute**
     + macOS: **traceroute**
5. **User and Group Management:**
   * Linux: **useradd**, **userdel**, **usermod**
     + macOS: **dscl** (Directory Service command-line utility)
   * Linux: **groupadd**, **groupdel**, **groupmod**
     + macOS: **dscl** (Directory Service command-line utility)
6. **Package Management:**
   * Linux: Package managers like **apt** (Ubuntu), **yum** (Fedora), **dnf** (Fedora)
     + macOS: Package managers like **brew** (Homebrew) or **port** (MacPorts)
7. **Process Management:**
   * Linux: **ps**, **kill**
     + macOS: **ps**, **kill**
   * Linux: **top**
     + macOS: **top**
   * Linux: **htop** (if installed)
     + macOS: **htop** (if installed via Homebrew)
8. **File Permissions:**
   * Linux: **chmod**
     + macOS: **chmod**
   * Linux: **chown**
     + macOS: **chown**
   * Linux: **chgrp**
     + macOS: **chflags** (used differently, macOS doesn't have a direct equivalent)
9. **Archive and Compression:**
   * Linux: **tar**
     + macOS: **tar**
   * Linux: **gzip**
     + macOS: **gzip**
   * Linux: **zip**
     + macOS: **zip**
10. **Searching and Finding:**
    * Linux: **grep**
      + macOS: **grep**
    * Linux: **find**
      + macOS: **find**
11. **SSH and Remote Access:**
    * Linux: **ssh**
      + macOS: **ssh**
    * Linux: **scp**
      + macOS: **scp**