

1 Linux Cheat Sheet (Basics for DevOps)

Navigation & Files

```
pwd                # Print working directory
ls -la             # List all files with details
cd /path           # Change directory
touch file.txt     # Create empty file
mkdir folder       # Create directory
rm file.txt        # Remove file
rm -rf folder      # Remove folder & contents
cp src dest        # Copy file
mv old new         # Move/rename file
cat file.txt       # Show contents
less file.txt      # Page through contents
head -n 10 file.txt # First 10 lines
tail -f log.txt    # Last lines, follow live
```

Permissions

```
chmod 755 file.sh  # Change permissions
chown user:group file # Change owner
whoami             # Current user
```

Processes

```
ps aux            # List processes
top / htop        # Monitor processes
kill -9 PID       # Kill process
```

Networking

```
ifconfig          # Network interfaces
ping google.com   # Test connectivity
netstat -tulnp    # Listening ports
curl http://url   # Test URL
```