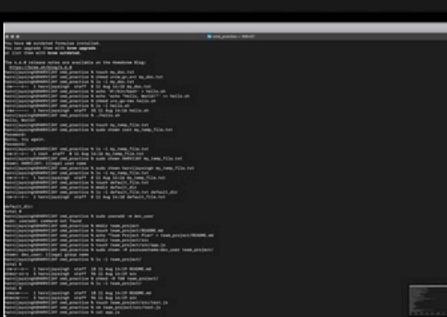


```
[harvijaysingh@HARVIJAY cmd_practice % ./hello.sh
Hello, World!
[harvijaysingh@HARVIJAY cmd_practice % touch my_temp_file.txt
[harvijaysingh@HARVIJAY cmd_practice % sudo chown root my_temp_file.txt
>Password:
Sorry, try again.
>Password:
[harvijaysingh@HARVIJAY cmd_practice % ls -l my_temp_file.txt
-rw-r--r-- 1 root staff 0 11 Aug 14:16 my_temp_file.txt
[harvijaysingh@HARVIJAY cmd_practice % sudo chown HARVIJAY my_temp_file.txt
chown: HARVIJAY: illegal user name
[harvijaysingh@HARVIJAY cmd_practice % sudo chown harvijaysingh my_temp_file.txt
[harvijaysingh@HARVIJAY cmd_practice % ls -l my_temp_file.txt
-rw-r--r-- 1 harvijaysingh staff 0 11 Aug 14:16 my_temp_file.txt
[harvijaysingh@HARVIJAY cmd_practice % touch default_file.txt
[harvijaysingh@HARVIJAY cmd_practice % mkdir default_dir
[harvijaysingh@HARVIJAY cmd_practice % ls -l default_file.txt default_dir
-rw-r--r-- 1 harvijaysingh staff 0 11 Aug 14:18 default_file.txt

default_dir:
total 0
[harvijaysingh@HARVIJAY cmd_practice % sudo useradd -m dev_user
sudo: useradd: command not found
[harvijaysingh@HARVIJAY cmd_practice % mkdir team_project
[harvijaysingh@HARVIJAY cmd_practice % touch team_project/README.md
[harvijaysingh@HARVIJAY cmd_practice % echo "Team Project Plan" > team_project/README.md
[harvijaysingh@HARVIJAY cmd_practice % mkdir team_project/src
[harvijaysingh@HARVIJAY cmd_practice % touch team_project/src/app.js
[harvijaysingh@HARVIJAY cmd_practice % sudo chown -R yourusername:dev_user team_project/
chown: dev_user: illegal group name
[harvijaysingh@HARVIJAY cmd_practice % ls -l team_project/
total 8
-rw-r--r-- 1 harvijaysingh staff 18 11 Aug 14:19 README.md
drwxr-xr-x 3 harvijaysingh staff 96 11 Aug 14:19 src
[harvijaysingh@HARVIJAY cmd_practice % chmod -R 760 team_project/
[harvijaysingh@HARVIJAY cmd_practice % ls -l team_project/
total 8
-rwxrw---- 1 harvijaysingh staff 18 11 Aug 14:19 README.md
drwxrwx--- 3 harvijaysingh staff 96 11 Aug 14:19 src
[harvijaysingh@HARVIJAY cmd_practice % touch team_project/src/test.js
[harvijaysingh@HARVIJAY cmd_practice % rm team_project/src/test.js
[harvijaysingh@HARVIJAY cmd_practice % cat app.js
cat: app.js: No such file or directory
[harvijaysingh@HARVIJAY cmd_practice % touch feature.js
[harvijaysingh@HARVIJAY cmd_practice %
[harvijaysingh@HARVIJAY cmd_practice %
[harvijaysingh@HARVIJAY cmd_practice % chmod +x app.js
chmod: app.js: No such file or directory
[harvijaysingh@HARVIJAY cmd_practice % exit

Saving session...
...copying shared history...
...saving history...truncating history files...
...completed.

[Process completed]
```



```
You have 46 outdated formulae installed.  
You can upgrade them with brew upgrade  
or list them with brew outdated.  
  
The 4.6.0 release notes are available on the Homebrew Blog:  
  https://brew.sh/blog/4.6.0  
[harvijaysingh@HARVIJAY cmd_practice % touch my_doc.txt  
[harvijaysingh@HARVIJAY cmd_practice % chmod u=rw,g=,o=r my_doc.txt  
[harvijaysingh@HARVIJAY cmd_practice % ls -l my_doc.txt  
-rw----r-- 1 harvijaysingh staff 0 11 Aug 14:15 my_doc.txt  
[harvijaysingh@HARVIJAY cmd_practice % echo '#!/bin/bash' > hello.sh  
[harvijaysingh@HARVIJAY cmd_practice % echo 'echo "Hello, World!"' >> hello.sh  
[harvijaysingh@HARVIJAY cmd_practice % chmod u+x,go-rwx hello.sh  
[harvijaysingh@HARVIJAY cmd_practice % ls -l hello.sh  
-rwx----- 1 harvijaysingh staff 33 11 Aug 14:16 hello.sh  
[harvijaysingh@HARVIJAY cmd_practice % ./hello.sh  
Hello, World!  
[harvijaysingh@HARVIJAY cmd_practice % touch my_temp_file.txt  
[harvijaysingh@HARVIJAY cmd_practice % sudo chown root my_temp_file.txt  
[Password:  
Sorry, try again.  
[Password:  
[harvijaysingh@HARVIJAY cmd_practice % ls -l my_temp_file.txt  
-rw-r--r-- 1 root staff 0 11 Aug 14:16 my_temp_file.txt  
[harvijaysingh@HARVIJAY cmd_practice % sudo chown HARVIJAY my_temp_file.txt  
chown: HARVIJAY: illegal user name  
[harvijaysingh@HARVIJAY cmd_practice % sudo chown harvijaysingh my_temp_file.txt  
[harvijaysingh@HARVIJAY cmd_practice % ls -l my_temp_file.txt  
-rw-r--r-- 1 harvijaysingh staff 0 11 Aug 14:16 my_temp_file.txt  
[harvijaysingh@HARVIJAY cmd_practice % touch default_file.txt  
[harvijaysingh@HARVIJAY cmd_practice % mkdir default_dir  
[harvijaysingh@HARVIJAY cmd_practice % ls -l default_file.txt default_dir  
-rw-r--r-- 1 harvijaysingh staff 0 11 Aug 14:18 default_file.txt  
  
default_dir:  
total 0  
[harvijaysingh@HARVIJAY cmd_practice % sudo useradd -m dev_user  
sudo: useradd: command not found  
[harvijaysingh@HARVIJAY cmd_practice % mkdir team_project  
[harvijaysingh@HARVIJAY cmd_practice % touch team_project/README.md  
[harvijaysingh@HARVIJAY cmd_practice % echo "Team Project Plan" > team_project/README.md  
[harvijaysingh@HARVIJAY cmd_practice % mkdir team_project/src  
[harvijaysingh@HARVIJAY cmd_practice % touch team_project/src/app.js  
[harvijaysingh@HARVIJAY cmd_practice % sudo chown -R yourusername:dev_user team_project/  
chown: dev_user: illegal group name  
[harvijaysingh@HARVIJAY cmd_practice % ls -l team_project/  
total 8  
-rw-r--r-- 1 harvijaysingh staff 18 11 Aug 14:19 README.md  
drwxr-xr-x 3 harvijaysingh staff 96 11 Aug 14:19 src  
[harvijaysingh@HARVIJAY cmd_practice % chmod -R 760 team_project/  
[harvijaysingh@HARVIJAY cmd_practice % ls -l team_project/  
total 8  
-rwxrw---- 1 harvijaysingh staff 18 11 Aug 14:19 README.md  
drwxrwx--- 3 harvijaysingh staff 96 11 Aug 14:19 src  
[harvijaysingh@HARVIJAY cmd_practice % touch team_project/src/test.js  
[harvijaysingh@HARVIJAY cmd_practice % rm team_project/src/test.js  
[harvijaysingh@HARVIJAY cmd_practice % cat app.js
```



goodls: CLI tool to download shared files and folders from Google Drive
gradle@8: Open-source build automation tool based on the Groovy and Kotlin DSL
gravitino: High-performance, geo-distributed, and federated metadata lake
kissat: Bare metal SAT solver
libcaption: Free open-source CEA608 / CEA708 closed-caption encoder/decoder
limine: Modern, advanced, portable, multiprotocol bootloader and boot manager
lstr: Fast, minimalist directory tree viewer
manifold: Geometry library for topological robustness
mcp-proxy: Bridge between Streamable HTTP and stdio MCP transports
mcptools: CLI for interacting with MCP servers using both stdio and HTTP transport
media-control: Control and observe media playback from the command-line
msolve: Library for Polynomial System Solving through Algebraic Methods
preflight: Pre-commit re-implemented in Rust
pulp-cli: Command-line interface for Pulp 3
pyrefly: Fast type checker and IDE for Python
rggen: Code generation tool for control and status registers
rulesync: Unified AI rules management CLI tool
secretspec: Declarative secrets management tool
videoalchemy: Toolkit expanding video processing capabilities
wayback: Archiving tool integrated with various archival services
wgpu-native: Native WebGPU implementation based on wgpu-core

==> New Casks

advantagescope: FRC log analysis tool
audio-modeling-software-center: Application for downloading, installing and updating Audio Modeling software
bettertouchtool@alpha: Tool to customise input devices and automate computer systems
boss: AI-powered workspace for complex business operations

codebolt: AI Powered Code Editor
cursor-cli: Command-line agent for Cursor
dda: Tool for developing on the Datadog Agent platform
dyad: AI-powered app builder

elasticvue: Elasticsearch GUI
font-cossette-texte
font-cossette-titre

font-golos-ui
font-maple-mono-nl
font-maple-mono-nl-cn

font-maple-mono-nl-nf
font-maple-mono-nl-nf-cn

font-maple-mono-normal-nl
font-maple-mono-normal-nl-cn

font-maple-mono-normal-nl-nf
font-maple-mono-normal-nl-nf-cn

font-pt-astra-sans
font-pt-astra-serif

font-pt-root-ui

font-vend-sans

freefilesync: Folder comparison and synchronization software

hopscotch-selfhost: Desktop client for SelfHost version of the Hopscotch API development ecosystem

makeracam: CAM software for Makera CNCs

pixieditor: Open Source Universal 2D Graphics Editor

spacewalker: Use virtual monitors with Viture XR glasses

==> Outdated Formulae

assimp	gnutls	libaec	libxi	mpg123	openjdk	pkgconf	svt-av1
awscli	harfbuzz	libass	libxxf86vm	nettle	openjdk@11	pyenv	unbound
expat	icu4c@76	libmicrohttpd	maven	node	openjdk@17	qt	webp
gdbm	jasper	libogg	mbedtls	numpy	openssl@3	qt@5	zeromq
gettext	jpeg-turbo	libpng	mesa	openblas	pango	solv	

```
[harvijaysingh@HARVIJAY cmd_practice % cd ~
[harvijaysingh@HARVIJAY ~ % cd cmd_practice
[harvijaysingh@HARVIJAY cmd_practice % ls -l
total 44984
-rw-r--r--@ 1 harvijaysingh  staff  1859227 10 Aug 23:25 1.png
-rw-r--r--@ 1 harvijaysingh  staff   999930 10 Aug 23:19 2.png
-rw-r--r--@ 1 harvijaysingh  staff  2100058 10 Aug 23:24 3.png
-rw-r--r--@ 1 harvijaysingh  staff  2033633 10 Aug 23:24 4.png
-rw-r--r--@ 1 harvijaysingh  staff  2090975 10 Aug 23:24 5.png
-rw-r--r--@ 1 harvijaysingh  staff  1818580 10 Aug 23:17 6.png
-rw-r--r--@ 1 harvijaysingh  staff  2918472 10 Aug 23:14 7.png
-rw-r--r--@ 1 harvijaysingh  staff  7975174 11 Aug 12:10 cmd.pdf
drwxr-xr-x  4 harvijaysingh  staff    128 11 Aug 12:09 delivery_package
drwxr-xr-x  8 harvijaysingh  staff   256 11 Aug 12:15 find_exercise
-rw-r--r--  1 harvijaysingh  staff    19 10 Aug 23:19 fruits.txt
-rw-r--r--@ 1 harvijaysingh  staff  1210195 10 Aug 23:32 img_git.png
-rw-r--r--  1 harvijaysingh  staff   85 10 Aug 23:20 my_notes.txt
drwxr-xr-x  9 harvijaysingh  staff   288 11 Aug 12:15 my_project
drwxr-xr-x  2 harvijaysingh  staff    64 10 Aug 23:09 new_demo_file
drwxr-xr-x  3 harvijaysingh  staff   96 11 Aug 12:08 processed_logs
drwxr-xr-x  3 harvijaysingh  staff   96 11 Aug 12:15 projects
drwxr-xr-x  5 harvijaysingh  staff   160 11 Aug 12:08 raw_logs
drwxr-xr-x  4 harvijaysingh  staff   128 10 Aug 23:20 temp_search
[harvijaysingh@HARVIJAY cmd_practice % touch my_secret.txt
[harvijaysingh@HARVIJAY cmd_practice % chmod 600 my_secret.txt
[harvijaysingh@HARVIJAY cmd_practice % ls -l my_secret.txt
-rw----- 1 harvijaysingh  staff  0 11 Aug 13:23 my_secret.txt
[harvijaysingh@HARVIJAY cmd_practice % chmod 777 my_secret.txt
[harvijaysingh@HARVIJAY cmd_practice % ls -l my_secret.txt
-rwxrwxrwx 1 harvijaysingh  staff  0 11 Aug 13:23 my_secret.txt
[harvijaysingh@HARVIJAY cmd_practice % mkdir shared_folder
[harvijaysingh@HARVIJAY cmd_practice % chmod 755 shared_folder
[harvijaysingh@HARVIJAY cmd_practice % ls -l | grep shared_folder
drwxr-xr-x  2 harvijaysingh  staff    64 11 Aug 13:23 shared_folder
[harvijaysingh@HARVIJAY cmd_practice % sudo apt update
>Password:
sudo: apt: command not found
harvijaysingh@HARVIJAY cmd_practice % brew update

==> Updating Homebrew...
Warning: No remote 'origin' in /opt/homebrew/Library/Taps/harvijaysingh/homebrew-old-spark, skipping update!
==> Updated Homebrew from 4.5.13 (ff4ee5d0b5) to 4.6.0 (cf21efc318).
Updated 3 taps (mongodb/brew, homebrew/core and homebrew/cask).
==> New Formulae
aiac: Artificial Intelligence Infrastructure-as-Code Generator
b4: Tool to work with public-inbox and patch archives
bb-cli: Bitbucket Rest API CLI written in pure PHP
bstring: Fork of Paul Hsieh's Better String Library
clipper2: Polygon clipping and offsetting library
deck: Creates slide deck using Markdown and Google Slides
dexidp: OpenID Connect Identity and OAuth 2.0 Provider
domain-check: CLI tool for checking domain availability using RDAP and WHOIS protocols
errcheck: Finds silently ignored errors in Go code
fakesteak: ASCII Matrix-like steak demo
filen-cli: Interface with Filen, an end-to-end encrypted cloud storage service
gbox: Self-hostable sandbox for AI Agents to execute commands and surf web
glom: Declarative object transformer and formatter, for conglomerating nested data
```

```

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-rw-r--r-- 1 harvijaysingh staff 19 10 Aug 23:19 fruits.txt
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drwxr-xr-x 9 harvijaysingh staff 288 11 Aug 12:15 my_project
drwxr-xr-x 2 harvijaysingh staff 64 10 Aug 23:09 new_demo_file
drwxr-xr-x 3 harvijaysingh staff 96 11 Aug 12:08 processed_logs
drwxr-xr-x 3 harvijaysingh staff 96 11 Aug 12:15 projects
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-rw----- 1 harvijaysingh staff 0 11 Aug 13:23 my_secret.txt
harvijaysingh@HARVIJAY cmd_practice % chmod 777 my_secret.txt
harvijaysingh@HARVIJAY cmd_practice % ls -l my_secret.txt
-rwxrwxrwx 1 harvijaysingh staff 0 11 Aug 13:23 my_secret.txt
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drwxr-xr-x 2 harvijaysingh staff 64 11 Aug 13:23 shared_folder
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```