

# 30 Days of Claude Code

Quick Reference Cheat Sheet

## Terminal Navigation

|                           |                             |
|---------------------------|-----------------------------|
| <b>cd &lt;folder&gt;</b>  | Change directory            |
| <b>cd ..</b>              | Go up one folder            |
| <b>cd ~</b>               | Go to home directory        |
| <b>ls</b>                 | List files (dir on Windows) |
| <b>pwd</b>                | Print working directory     |
| <b>mkdir &lt;name&gt;</b> | Create folder               |
| <b>touch &lt;file&gt;</b> | Create file                 |
| <b>claude</b>             | Start Claude Code           |

## Git Essentials

|                              |                       |
|------------------------------|-----------------------|
| <b>git init</b>              | Initialize repository |
| <b>git status</b>            | Check changes         |
| <b>git add .</b>             | Stage all changes     |
| <b>git commit -m ""</b>      | Save with message     |
| <b>git log --oneline</b>     | View history          |
| <b>git push</b>              | Upload to GitHub      |
| <b>git pull</b>              | Download latest       |
| <b>git clone &lt;url&gt;</b> | Copy repository       |
| <b>git branch</b>            | List branches         |
| <b>git checkout -b</b>       | Create new branch     |

## npm / Node.js

|                            |                        |
|----------------------------|------------------------|
| <b>npm install</b>         | Install dependencies   |
| <b>npm run dev</b>         | Start dev server       |
| <b>npm run build</b>       | Build for production   |
| <b>npm run lint</b>        | Check for errors       |
| <b>npx create-next-app</b> | Create Next.js project |
| <b>npm init -y</b>         | Create package.json    |

## Phase Overview

**Phase 1 (Days 1-7):** Foundation - Terminal & file basics

**Phase 2 (Days 8-14):** Creating - Git & documents

**Phase 3 (Days 15-21):** Building - Next.js development

**Phase 4 (Days 22-30):** Shipping - Deploy & databases

## Quick Tips

- Always read error messages - they tell you what's wrong
- localhost:3000 = your computer only
- .env files contain secrets - never commit them
- When stuck, describe the problem to Claude Code
- Use checkpoints to save progress you can return to

# Key Terms & Prompts

Essential vocabulary and ready-to-use prompts

## Essential Glossary Terms

**Terminal** - Text interface to control computer

**Git** - Version control (save points)

**Repository** - Project folder tracked by Git

**Branch** - Parallel version of code

**npm** - Node Package Manager

**node\_modules** - Installed dependencies folder

**.env** - Secret configuration file

**CLAUDE.md** - Project briefing for Claude

**Build** - Convert code for production

**Vercel** - Hosting platform for apps

**JSON** - Data format (key-value pairs)

**Props** - Data passed to components

**CLI** - Command Line Interface

**GitHub** - Cloud backup for Git repos

**Commit** - Saved checkpoint with message

**Push/Pull** - Upload/download from GitHub

**package.json** - Project configuration file

**Dependencies** - Code libraries your app needs

**.gitignore** - Files Git should ignore

**localhost** - Your computer as a server

**Deploy** - Put app on the internet

**API** - Way for apps to communicate

**Component** - Reusable UI building block

**State** - Data that changes over time

## Essential Prompts to Use

"What files are in this folder? Explain what the most interesting one does."

"Initialize a Git repository and create my first commit with all existing files."

"Create a CLAUDE.md file for this project. I'm a beginner who prefers explanations with analogies."

"Create a Next.js project with App Router and Tailwind CSS."

"Help me deploy this to Vercel. Walk me through each step."

## File Patterns to Know

**README.md** - Project documentation

**page.tsx** - Next.js route page

**globals.css** - Global styles

**.env.local** - Local-only secrets

**\*.tsx / \*.jsx** - React components

**layout.tsx** - Shared page wrapper

**tailwind.config** - Tailwind settings

**next.config.js** - Next.js settings