🚀 CLAUDE CODE: ULTIMATE CHEATSHEET

Expert Guide for Modern Developers - Tellaw.org

Claude Code is Anthropic's command-line (CLI) coding agent. It doesn't just suggest code; it writes, tests, and manages your Git workflow directly from your terminal.

📦 1. Installation & Setup

Step	Command / Action
Install	`npm install -g @anthropic-ai/claude-code`
Launch	`claude` (inside your project folder)
Update	`npm update -g @anthropic-ai/claude-code`
Login	`claude login` (requires Anthropic Console account)

⌨️ 2. Essential Slash Commands

Control the session without polluting the AI's context:

- **/ask**: Read-only mode. Ask questions without modifying files.
- **/compact**: Summarize history to save tokens and clear context memory.
- **/clear**: Reset the current conversation.
- **/undo**: Revert the very last file modification.

- **/search [query]**: Search text across the entire codebase.
- **/help**: Display the full command list.

⚙️ 3. Customization: CLAUDE.md

Define persistent rules for the AI at the root of your repository:

```
# Project Instructions
- Use arrow functions only.
- Run `npm run test` before any commit.
- Preferred package manager: `pnpm`.
- Never modify files in `/config/secrets`.
```

🛠️ 4. Workflow & Automation

- **Testing**: *"Run Jest tests and fix any failing test cases automatically."*
- **Git**: *"Commit these changes with a Conventional Commits message."*
- **Security**: Use a `.claudeignore` file (like .gitignore) for sensitive data.

> **Tellaw Pro Tip:** Use the **Model Context Protocol (MCP)** to connect Claude Code to external tools like Jira, Slack, or Google Drive for a unified workflow!