

Running Claude Code

What an agentic coding CLI is, installing it, and your first session

Prof. Aviv Zohar

Semester A, 2026-7

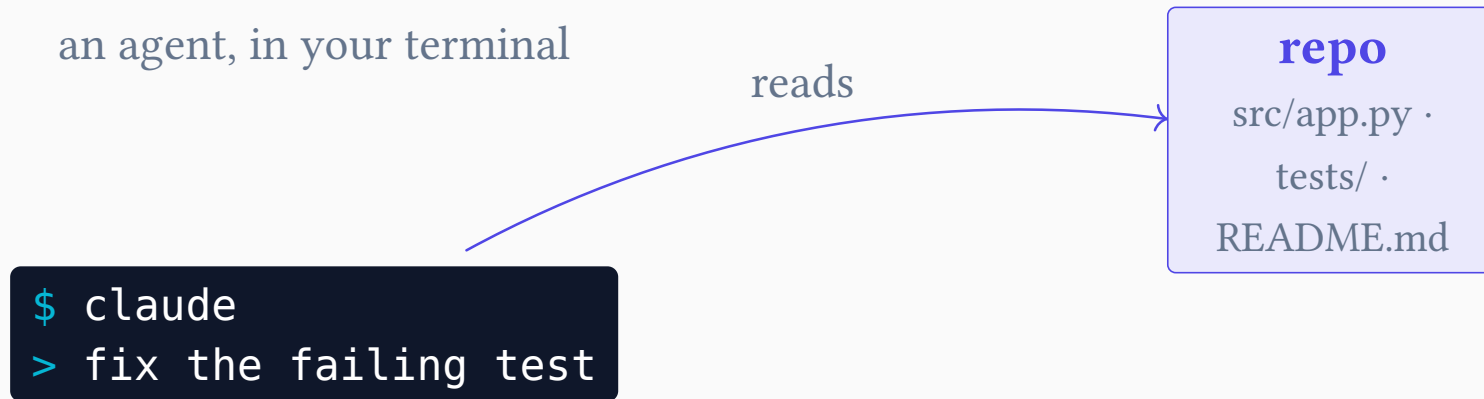
AI Code @ HUJI

What is an agentic coding CLI?

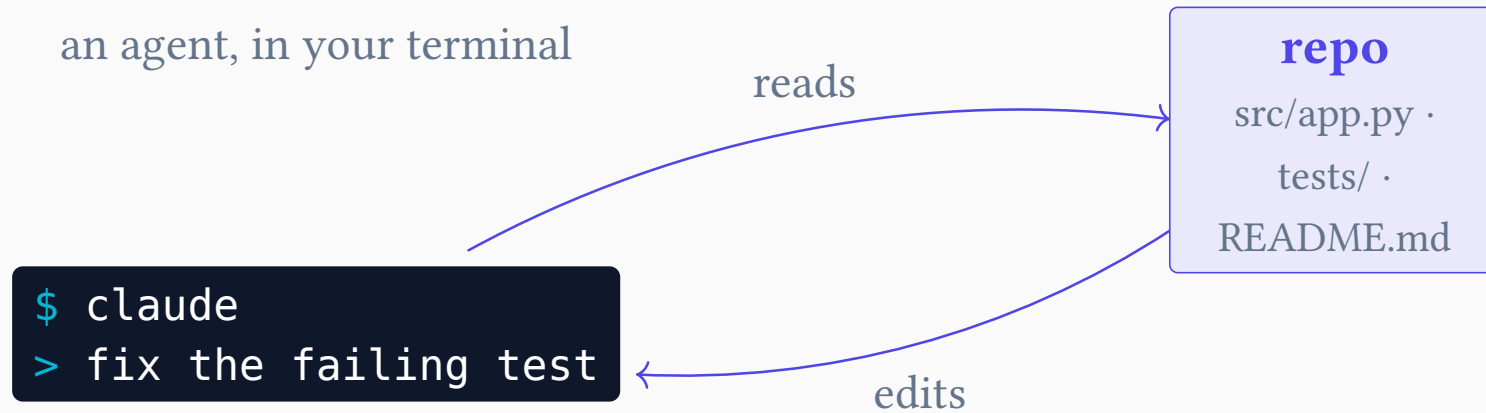
an agent, in your terminal

```
$ claude  
> fix the failing test
```

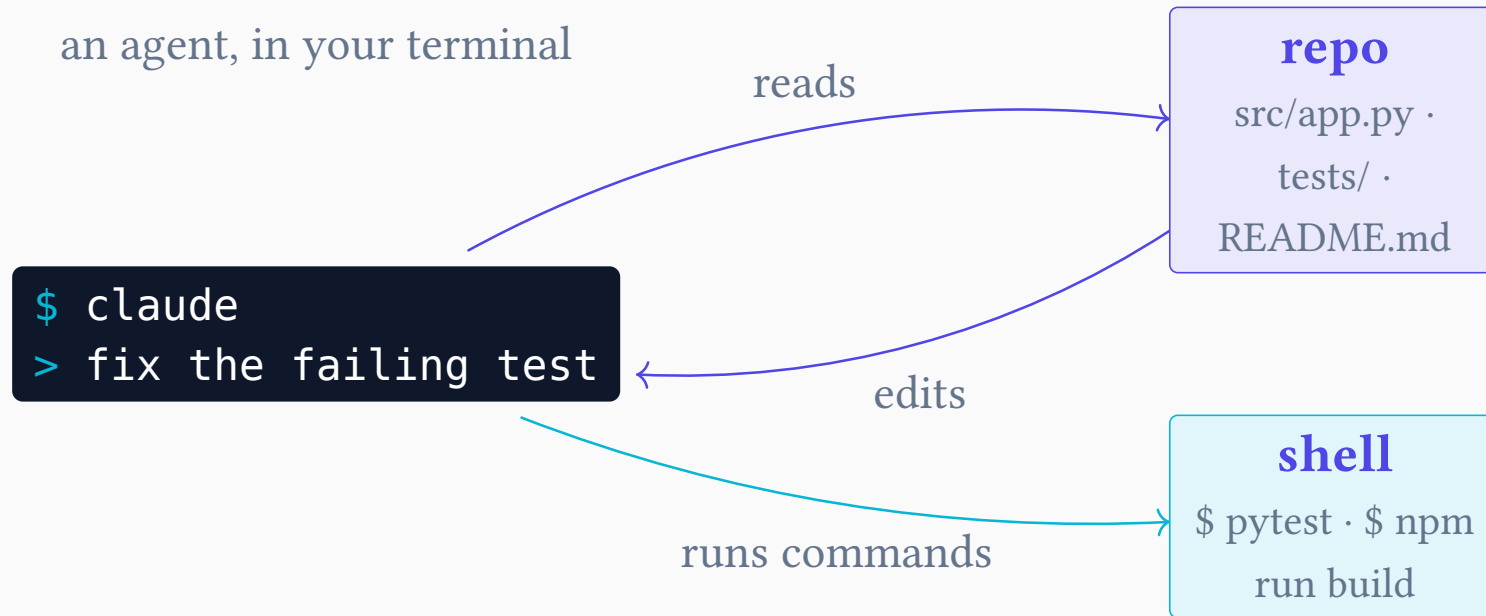
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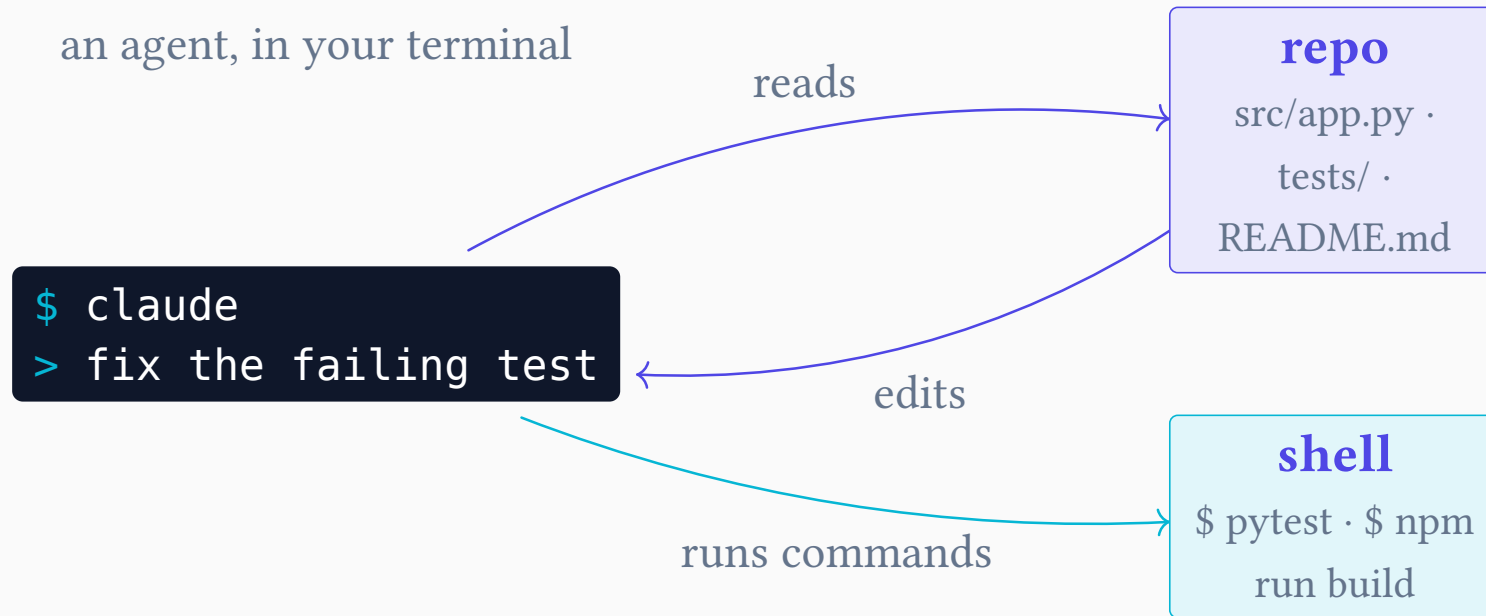
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It reads, edits, and runs commands.

The tool we use: Claude Code

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Other agentic CLIs work the same way:

Codex CLI (OpenAI)

Gemini CLI (Google)

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You may use any of these for the course. Our examples all use Claude Code.

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Check it worked: `claude --version` and `claude doctor`.

Authentication: subscription vs. API key

Sign in with a subscription

A Claude **Max** plan. Browser login. Included usage has limits. *Extra usage can add charges.*

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An Anthropic API key. **Usage-based billing**, charged per token. Useful for scripts and CI.

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For this course: we expect you will need a Claude **Max 5x** subscription, or equivalent. Sign in once with `/login`.

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You're now in a session. `/status` shows your model and plan.

First launch: the trust prompt

Accessing workspace:

`/tmp/claude_shot`

Quick safety check: Is this a project you created or one you trust? (Like your own code, a well-known open source project, or work from your team). If not, take a moment to review what's in this folder first.

Claude Code'll be able to read, edit, and execute files here.

Security guide

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Check which folder you are in before you approve.

The interactive prompt

```
Claude Code v2.1.245

Welcome back Aviv!



Opus 5 (1M context) with high... · Claude Max · Aviv
Zohar

~/demo/todo-api

Tips for getting started
Run /init to create a CLAUDE.md file with instructions for Cla...

What's new
Fixed a crash on startup on Linux distributions that ship glib...
Added a Loops breakdown to `/usage`: per-loop run count, total...
Added `modelPicker` setting: curate the `/model` picker with a...
/release-notes for more

> Try "write a test for <filepath>"

avivz@AZX1CLaptop ~/demo/todo-api master ?? Opus 5 (1M context) ctx:None%
>> auto mode on (shift+tab to cycle) · ← for agents
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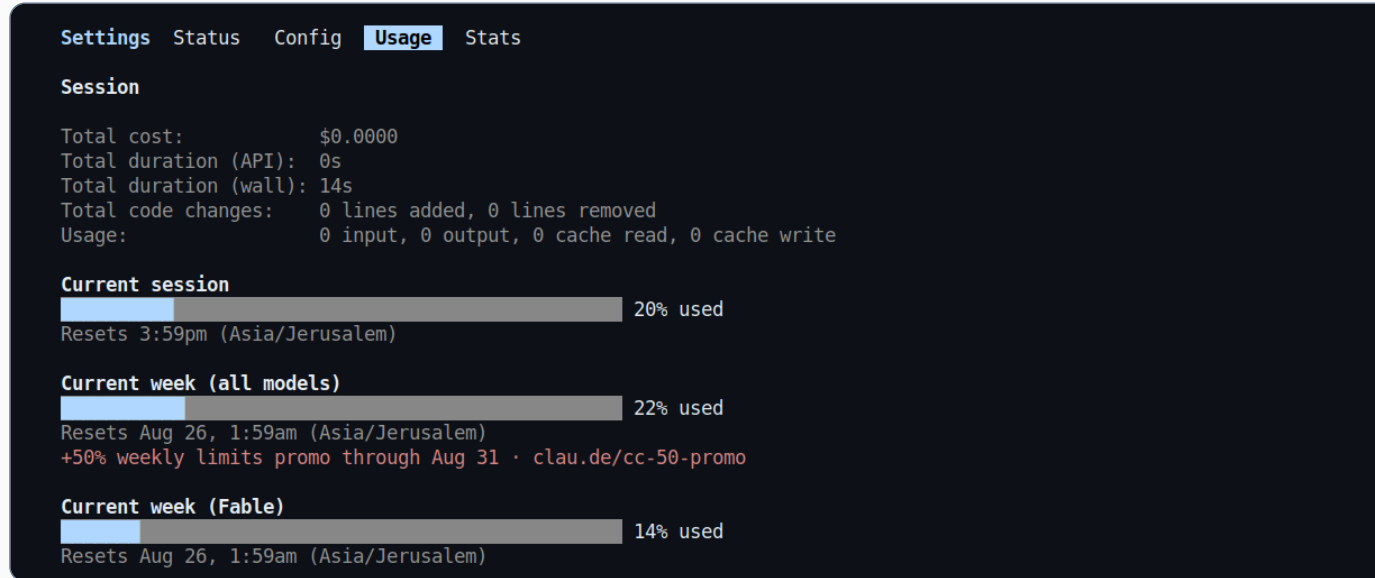
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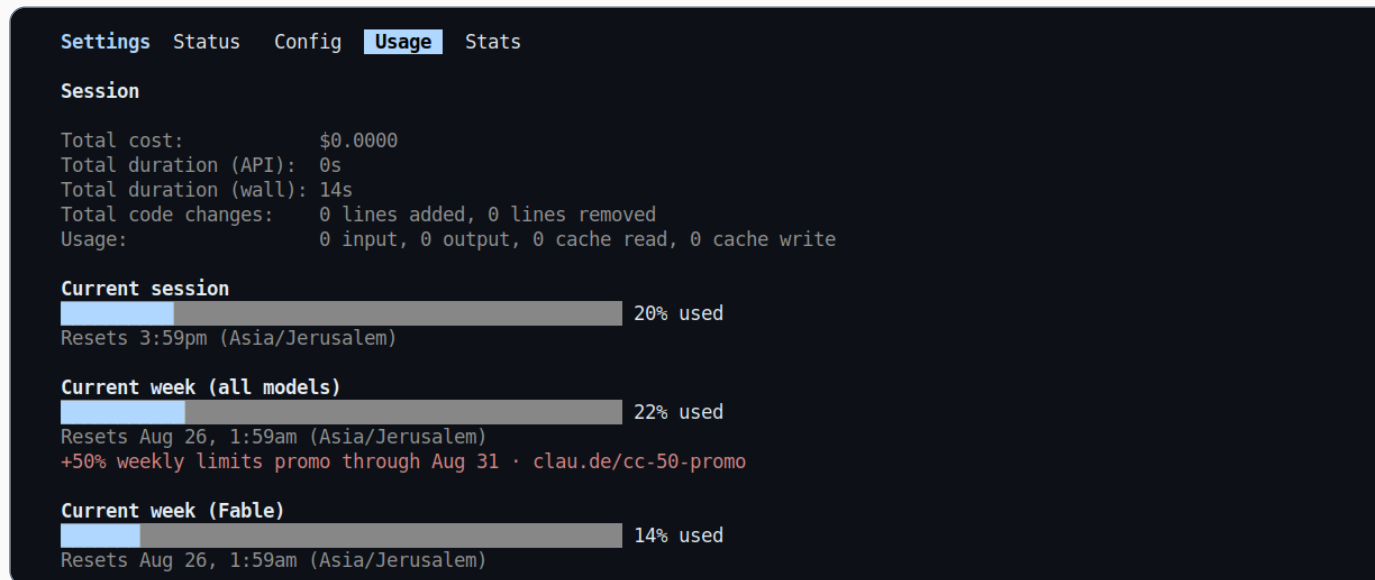
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The prompt shows your model, your plan, and your project. Type your request.

Usage limits: the five-hour window

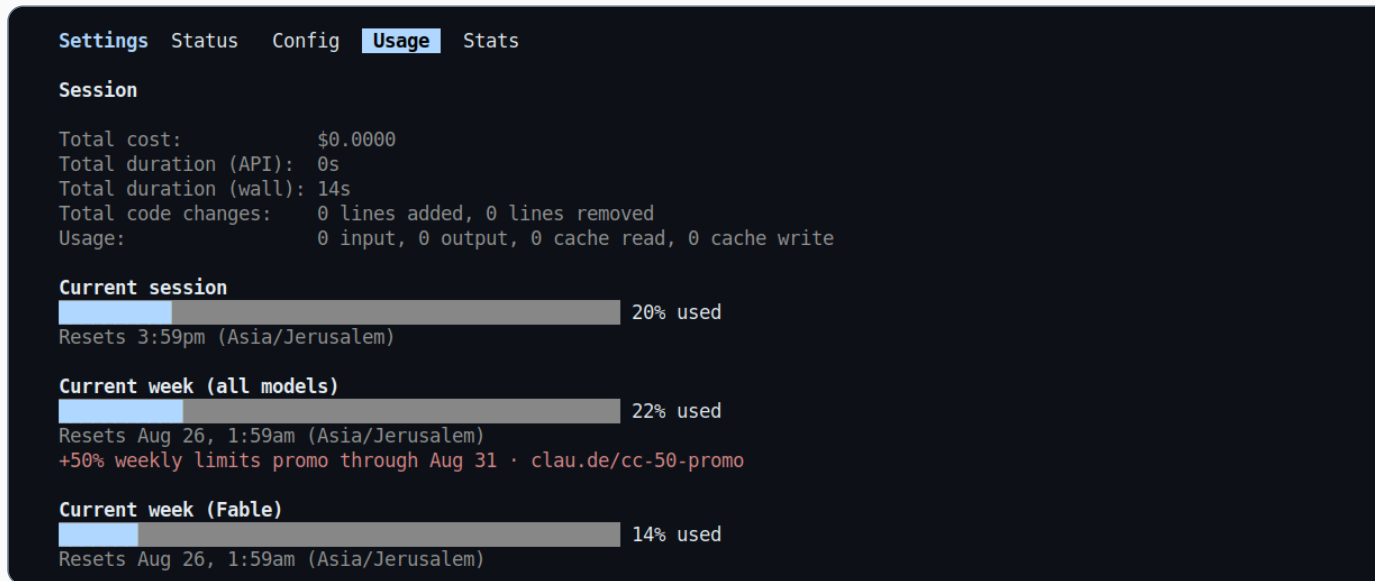


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/usage shows this. /cost is the same command.

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What it remembers

Memory files and the context window. A new session does not include the full earlier chat.

We come back to each of these later in the course.

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Next: one more video, on working in a session.