

# pomo-tui - A terminal utility for “The Pomodoro Technique”

Inspired by the “pomodori-cli” (pom) CLI utility by NRK.no Repo:  
<https://github.com/nrkno/pomodoro-cli>

## TODO list

Some missing features are:

- Automatially start a longer break after “X” completed Pomodoros.

## Installation

### Ubuntu

1. Install “DotNet SDK” version 8.0 on Ubuntu:
  - `sudo apt update`
  - `sudo apt install dotnet-sdk-8.0`
  - NOTE: The installation requires ~ 450MB.
2. Clone this repository:
  - `git clone https://github.com/knowbits/pomo-tui.git`

3.In the local repository, run these commands:

*# 1. Publish the binary to the ./target/ folder*

```
dotnet publish --runtime linux-x64 --self-contained --configuration Release --output ./target
```

*# 2. Copy the binary to ~/.local/bin/ and set executable permissions*

```
sudo cp ./target/pomo-tui ~/.local/bin/
```

```
sudo chmod +x ~/.local/bin/pomo-tui
```

### macOs with homebrew

1. Install just and dotnet using homebrew like this:
  - `brew install just dotnet`
2. Clone this repository:
  - `git clone https://github.com/knowbits/pomo-tui.git`

3.In the local repository, run these commands:

*# 1. build the binary to the target-folder*

```
just
```

*# 2. Run the binary from the ./target folder*

```
./target/pomo-tui
```

## Usage

- Run `pomo-tui` in a terminal to start the Pomodoro TUI
  - A menu of all the available keyboard **commands** will be shown in the terminal.
- Command-line options to `pomo-tui`:
  - `--sound-alert` : Enable sound alerts (Is OFF by default)
  - `--task-length-min [n]` : Set the Pomodoro session length to  $n$  minutes (default is 25)
  - `--break-length-min [n]`: Set the break length to  $n$  minutes (default is 5)

## Concepts

- See the comment block in `Program.fs` for further explanations of the terminal app.

## Development with Justfile

This project uses a **Justfile** to simplify common development tasks. Here are the main targets:

- `just run` : Build and run the app in debug mode (recommended for development)
- `just build` : Build a self-contained release binary (output in `./target/`)
- `just deploy-on-linux` : Copy the built binary to `~/.local/bin/` for easy execution
- `just format` : Format all F# source files using Fantomas
- `just clean` : Remove build outputs (`./target/`)
- `just init` : Restore NuGet dependencies
- `just init-dev-env`: Install local .NET tools (Fantomas, etc.)

Run `just` or `just help` to see all available targets.