

Quarantine Survival Reminder App

Idea: A reminder app using Python that pings the user and reminds them to do small tasks during their quarantine.

Functionality of the app:

The app pings the user at random intervals during the day to perform a random task, selected from the list of tasks.

The app will allow user to:

- create custom tasks
- delete tasks
- select a specific task to be reminded of at a specific time (ex. 4 hours from now) from list
- customize the time and duration of blackout periods

The app uses python techniques such as:

- Datetime (to set blackout periods)
- Decorators (ex. `not_during_night(func)` from week08 to prevent reminders during blackout period)
- Uses geolocation API to find time of initial blackout period based on user location
- List comprehension (to print out list of tasks for user)
- Error handling (to handle user input of new tasks)
- Looping (to print out list of tasks)
- Itertools (to iterate through the list of tasks)

List of built-in reminders:

- Call a friend
- Go for a walk
- Meditate
- Wash your hands