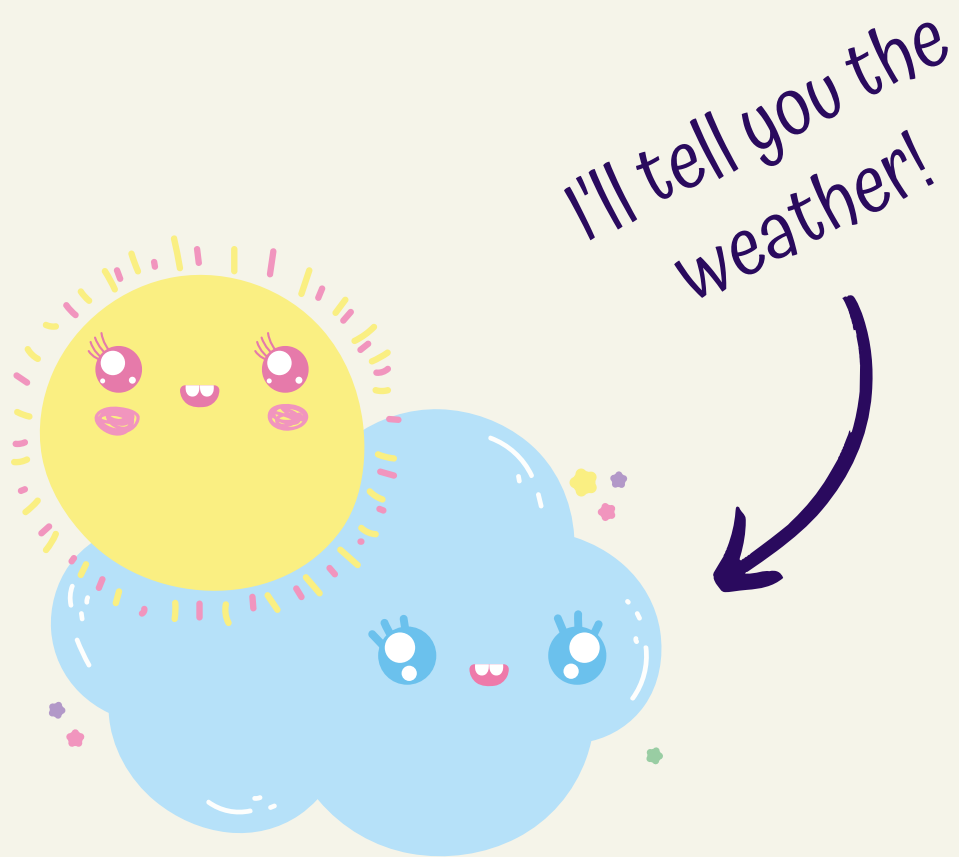# CLIMATE

XCODE

An integrated development environment for macOS containing a suite of software development tools developed by Apple for developing software for macOS, iOS, iPadOS, watchOS, and tvOS.
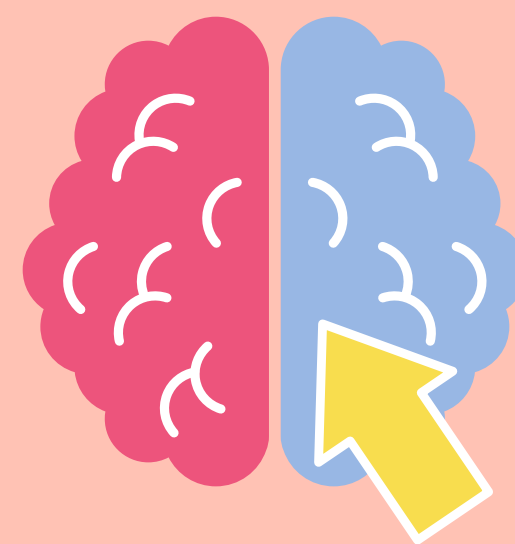
SWIFT

General-purpose, multi-paradigm, compiled programming language developed by Apple Inc. for its OS.Core Location provides services that determine a device's geographic location, altitude, and orientation, or its position relative to a nearby iBeacon device.

I'll tell you the weather!

CLIMATE

A dark-mode enabled weather app. With this app in your pocket you'll be able to check the weather for the current location based on the GPS data from the iPhone as well as by searching for a city manually.

SKILLS PRACTICED

• Create a dark-mode enabled app.
• Use vector images as image assets.
• Use the UITextField to get user input.
• Protocols, extensions and delegates.
• Computed properties,closures and completion handlers.
• URLSession to network and make HTTP requests.
• Parse JSON with the native Encodable and Decodable protocols.
• Use Grand Central Dispatch to fetch the main thread.
• USe Core Location to get the current location from the phone GPS.

Climate App- Hanan