Code Challenge

// Task
Create an app that displays a list of artists and songs using the HearThisAt API. The first level of content should display a list of top artists (with image and further details, i.e. track count). When an artist is selected, the corresponding songs (with image and details, i.e. song duration) should be displayed. When a song is selected, the app should display a minimalistic audio player that streams the selected track. The audio should keep on playing while browsing other artists.

// Optional (Bonus points are given)
- Implementation in Swift
- Paging of results (display 20 entries, load next 20 entries at end of list)
- Caching mechanism for playback with bad or no network
- Rendering of the audio waveform from the "waveform_data" field (not "waveform_url")
- Making use of AVAudioEngine

// HearThisAt API
General API documentation can be found at https://hearthis.at/api-v2/.
There is no endpoint for a list of top artists - but a list of top tracks: https://api-v2.hearthis.at/feed/?type=popular&page=1&count=5. Please use the artists in there, for selecting the top artist in the initial list.

// General:
You are free to use whatever design you prefer. If you use external libraries (e.g. CocoaPods), please point out which these are. There is no limit in time, but aim for one day of work.

// Format of result
When you're done, please provide us your project via email as a zip file.