iOS Swift Piscine - Rush 01

Plan 42

Summary: *This document contains the subject of the Rush 01 for the iOS Swift pisicne of 42*

Contents

Chapter I

Preamble

Long Train Running - *Doobie Brothers*
Down around the corner, half a mile from here
See them long trains run, and you watch them disappear
Without love, where would you be now
Without lo-o-o-ove
You know I saw miss Lucy down along the tracks
She lost her home and her family and she won't be coming back
Without love, where would you be right now
Without lo-o-o-ove
Well the Illinois Central
And the Southern Central Freight
Got to keep on pushin' mama
You know they're running late
Without love, where would you be now
Without lo-o-o-ve
Well the Illinois Central
And the Southern Central Freight
Got to keep on pushin' mama
You know they're running late
Without love, where would you be now
Without lo-o-o-ve
Well the pistons keep on turning
And the wheels go round and round
The steel rails are cold and hard
For the miles that they go down
Without love, where would you be right now
Without lo-o-o-ve ooh
Where would you be now
Mmm, got to get you, baby baby, won't you move it down?
Won't you move it down?
Baby, baby, baby, baby, won't you move it down?
When the big train run
When the train is movin' on I got to keep on movin'
Keep on movin'
Won't you keep on movin'?

Gonna keep on movin'

Chapter II

Instructions

- Only this page will serve as reference. Do not trust rumors.

- Read attentively the whole document before beginning.

- Your exercises will be corrected by your piscine colleagues.

- The document can be relied upon, do not blindly trust the demos which can contain not required additions.

- You will have to deliver an app every day (except for Day 01) on your git repository, where you deliver the file of the Xcode project.

- Here it is the official manual of Swift and of Swift Standard Library

- It is forbidden to use other libraries, packages, pods...before Day 07

- Got a question? Ask your peer on the right. Otherwise, try your peer on the left.

- Think about discussing on the forum Piscine of your Intra!

- Use your brain!!!

The videos on Intra were produced before Swift 3. Remove the prefix "NS" which you see in front of the class/struct/function in the code in the videos to use them in Swift 3.

Intra indicates the date and the hour of closing for your repositories. This date and hour also corresponds to the beginning of the peer-evaluation period for the corresponding piscine day. This peer-evaluation period lasts exactly 24h. After 24h passed, your missing peer grades will be completed with a 0.

Chapter III

Introduction

This weekend, you will work on that rush as a group. Try to work together, share your knowledge. Of course, you can also divide the tasks between each other to make it faster.

You will create a GPS application.

All in all, your application will have to behave like any other GPS: geo-tracking, address research and traveling to the requested place.

You can use all the pods you like.

You have 2 days to complete this rush. Time to achieve an operational, handy and pretty application!

Chapter IV

Instructions

Your application must contain these features:

- Geo-tracking of the phone

- Researching an address and displaying its position on a map.

- Showing the path on the map if desired. Being able to choose the start point and destination.

- You application must be pleasant to use. User must always know what's going on and where they are.