

zaplabs.
Take Home Test

This exercise is designed to test two common aspects of mobile app development:

1. Communication with remote machines
2. UI Layout

For server interaction, you will utilize an API here:

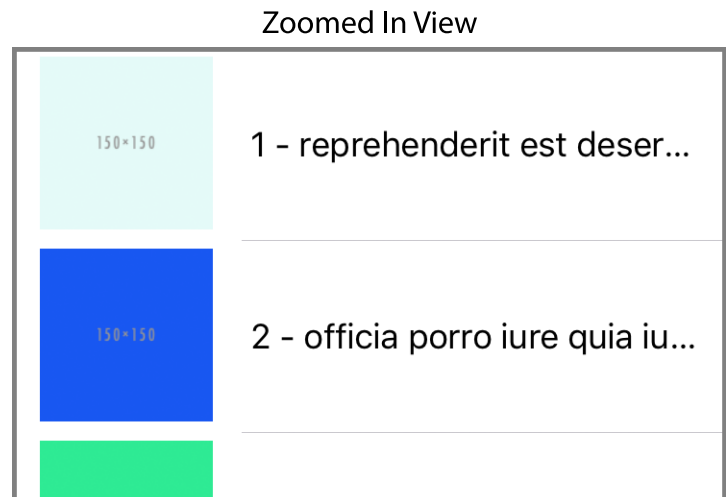
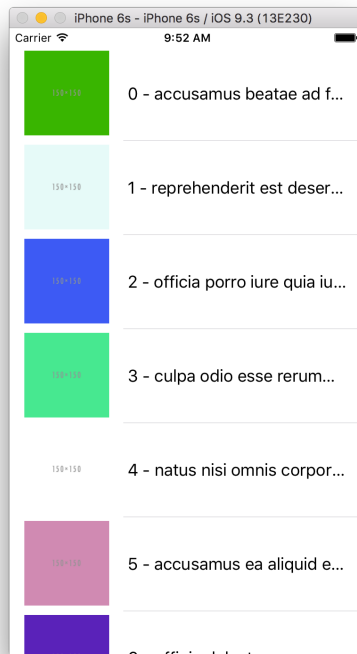
<http://jsonplaceholder.typicode.com> (check out the link for more info)

For this exercise, please use the "photos" service under Resources (look for /photos).

Hint: You will retrieve a list of dictionaries and use that list to populate a table.

App Requirements:

1. The app will have a UITableView as its main view, with the end result looking somewhat like the images below (it doesn't have to be exact).
The sample project is ready for Xcode 10 and Swift 4.
Making it work in iPhone portrait mode is sufficient.



2. The content should be loaded from the above described API in real time, and should not block the UI Thread.
3. The images should be loaded from the "thumbnailUrl" key. The text should be loaded from the "title" key. Add a zero-based index to the text to show which table row is being displayed.
4. Please do not use Storyboards or .xib/.nib files. **Create the UI programmatically.**
Focus on making the app work more than making it look exactly like the images above.
5. When finished, archive the project folder and email to your ZapLabs contact.

**That's it! Please limit the exercise to two hours.
If you don't finish, that's OK. Send what you have.**