Hi Gagan,

Thank you for taking the time to interview for the iOS contractor position at Reddit. As part of the interview process, I'd like you to complete a homework assignment using Xcode. Please build the app in Swift and feel free to utilize any open-source libraries for your solution.

Timeline:

- 10 minutes for reading through the email.
- 1 hour and 40 minutes for coding.
- 10 minutes for submission.

Please ensure the submission is made no later than **2 hours** after email is received.

Coding Question:

Build an app to the best of your ability in the allotted time that implements a feed of images from the following endpoint: https://rickandmortyapi.com/api/character/

Documentation: https://rickandmortyapi.com/documentation/#get-all-characters

Requirements:

- Display all of the character images and their names from 1 page of results.
- No crashes.
- Use an app architecture of your choice: MVP, MVVM, etc.

Ideas for optional, bonus features:

- Infinite scrolling / pagination.
- Displaying more information about each character.
- Retry logic for failed requests.
- Offline storage.

Submission:

Please complete the project according to the requirements and any optional/bonus features you have time for. Create a zip file of the project and send it back by replying to this email.

If you have any questions, please reply to this email. Thanks, and we look forward to seeing your work!