Navigation and Structure

Objectives

This assignment is to understand how to pass data within an app from one view controller to another.

1. Create a new project for this assignment.

2. Create three view controllers - Welcome, Question, and Results.

3. Use a navigation controller with your app.

4. On the Welcome screen, have a button that starts the quiz, and goes to the Question screen.

5. On the Question screen, ask the user a question. Use some kind of multimedia element (audio, video, or image) along with the question.

6. The Question screen should have at least three buttons for the possible answers.

7. Pressing any of the buttons should take the user to the Results screen.

8. On the Results screen, you should have a message for the user informing them that their choice was correct or incorrect.

9. The Results screen should also have a number for the score of how many questions the user got right, which in this case would either be zero or one.

10. The Results screen should also have a button that will start the user over back at the beginning, at the Welcome screen.

Prerequisites

You will need to have the following before you start:

• Working copy of XCode

Grading Evaluation

Name	Points	Description
Working Project	10	Submitted a working XCode app project that compiles.
Navigation Controllers and Titles	5	Each screen appears in a navigation controller
Welcome Screen	10	Button on Welcome Screen starts quiz
Question Screen	20	Question Screen has required appearance - question, multimedia element, at least three buttons for answers
Answer Button Logic	25	Answer Buttons correctly interpret user's answer to provide correct score and message result
Results Screen	20	The Results screen correctly displays the user's score and message result
Start Over Button	10	The Start Over Button takes the user to the Welcome screen, and resets the navigation stack so that there is no back button displayed on Welcome
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