Assignment

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| Course Code: | MWD2C (Swift) |
| Course Name: | Swift Development |
| Assignment: | Assignment 2 |

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| Textbook: | Book 1: Wenderlich, R. (2023). Swift Apprentice: Fundamentals. Kodeco.  Book 2: Wenderlich, R. (2023). Swift Apprentice: Beyond the Basics. Kodeco. |
| Software: | Xcode, Git |

Materials and Resources

Assignment Description

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| During this week, you examined collection types, structures, properties, and methods in Swift programming. In this assignment, you’ll apply several of these concepts to a TV series of your choice. |

Assignment Steps

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| Activity Steps |
| 1. Create a new playground in Xcode called **Swift\_Assignment\_2 (due Tuesday Sept 2nd before class begins)** |
| 1. Within your new playground, perform the following tasks by writing the appropriate Swift code :  * Create an array with the names of the characters from one of your favourite TV series. Next, sort the array both alphabetically and reverse alphabetically, displaying the results each time. (just an array) * For the TV series you chose write a **structure that represents an episode**. Include characters, location(country is fine), theme, year, runtime, desc, type(drama, thriller comedy), budget, on air still and any other relevant properties. (3 or 4 props will do, but the characters must be 1) * Next add a method to your structure that replaces one character(TV character) with another(TV character) of your choice. * Add a printEpisodeDetails() method to the structure (it needs an episode number to print the details for that episode) |
| 1. When complete right-click your playground file -> compress – send this compress playground file to me via a direct Teams message ☺ |
| 1. Once I confirm receipt, enjoy your weekend ☺ |

CAST LIST ASCENDING:

CAST LIST DESCENDING: