



```

class ViewController: UIViewController {
    @IBOutlet var letterButtons: [UIButton]!
    @IBOutlet weak var correctWordLabel: UILabel!
    @IBOutlet weak var scoreLabel: UILabel!
    @IBOutlet weak var treeImageView: UIImageView!

    var listOfWords = ["buccaneer", "swift", "program"]
    let incorrectMovesAllowed = 7
    var totalWins = 0 {
        didSet {
            newRound()
        }
    }
    var totalLosses = 0 {
        didSet {
            newRound()
        }
    }

    private var currentGame: Game!

    func newRound() {
        if listOfWords.isEmpty {
            let newWord = listOfWords.remove(at: 0)
            currentGame = Game(word: newWord, incorrectMovesAllowed, guessed: false)
            enableLetterButtons(true)
            updateUI()
        } else {
            enableLetterButtons(false)
        }
    }

    private func updateGameState() {
        if currentGame.incorrectMovesAllowed == 0 {
            totalLosses += 1
        } else if currentGame.word == currentGame.guessedWord {
            totalWins += 1
        } else {
            newRound()
        }
    }
}

```

PROGRAMMINGALABAMA

Introducing new App Development with Swift course using curriculum from Apple, here at:

Central Alabama Community College



How many times in the course of your day do you use apps on your mobile device? 5? 10? 50? Have you ever wanted to learn to create your own? Central Alabama Community College is now offering brand new courses designed to teach you how to develop iOS apps with **Swift**.



The curriculum is designed by Apple engineers and educators and uses Swift, one of the world's most popular programming languages. Mobile App Development was ranked as one of the hottest jobs to have in 2016 with the job market being predicted to skyrocket by 2020.

Students can earn a Short-Term Certificate credential after completing three courses taken in sequential order. One course will be offered each semester.

CIS-157 Introduction to APP Development with SWIFT

This introductory one-semester course is designed to help students build a solid foundation in programming fundamentals using Swift as the language. Students get practical experience with the tools, techniques, and concepts needed to build a basic iOS system.

CIS-220 APP Development with SWIFT I

This is the first of two courses designed to teach specific skills related to app development using Swift language.

CIS-227 APP Development with SWIFT II

This course focuses on building specific features for iOS apps. Students apply their knowledge and skills to developing new apps.



Program Contacts

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**ALABAMA COMMUNITY
COLLEGE SYSTEM**