MainViewController.swift 6/29/17, 11:41 AM

```
import UIKit
var currentSongTitle = songTitle[myIndex]
var currentArtist = artist[myIndex]
var currentLyrics = ""
var uniquePosts = [String]()
class MainViewController: UIViewController {
    @IBOutlet weak var songTitleLabel: UILabel!
    @IBOutlet weak var artistLabel: UILabel!
    @IBOutlet weak var lyricsArea: UITextView!
    @IBAction func editButton(_ sender: UIButton) {
        let addSongController = self.storyboard?.instantiateViewController
            (withIdentifier: "AddSongController") as! AddSongViewController
        addSongController.importedTitle = songTitleLabel.text!
        addSongController.importedArtist = artistLabel.text!
        addSongController.importedTab = lyricsArea.text
        self.navigationController?.pushViewController(addSongController,
            animated: true)
    }
    override func viewDidLoad() {
        super.viewDidLoad()
        songTitleLabel.text = songTitle[myIndex]
        artistLabel.text = artist[myIndex]
        //finding files directory and saving location in variables
        let fileName = songTitleLabel.text!
        let DocumentDirURL = try! FileManager.default.url(for: .
            documentDirectory, in: .userDomainMask, appropriateFor: nil,
            create: true)
        let fileURL = DocumentDirURL.appendingPathComponent(fileName).
            appendingPathExtension("txt")
        var readString = ""
        //read content of file
        do {
            readString = try String(contentsOf: fileURL)
            lyricsArea.text = readString
            currentLyrics = readString
        } catch let error as NSError {
            print("Error: \(error)")
        //select all the chords in the tab to add to the song file
        var arrayOfChords = [String]()
        var chordBegin = lyricsArea.text.startIndex
        //select all the chords in the tab to add to the song file
        for i in 0..<lyricsArea.text.characters.count{</pre>
            let start1 = lyricsArea.text.index(lyricsArea.text.startIndex,
                offsetBy: i)
```

MainViewController.swift 6/29/17, 11:41 AM

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let end1 = lyricsArea.text.index(start1, offsetBy: 1)
    let range1 = start1..<end1</pre>
    let firstChar = lyricsArea.text.substring(with: range1)
    let start2 = lyricsArea.text.index(lyricsArea.text.startIndex,
        offsetBv: i)
    let end2 = lyricsArea.text.index(start2, offsetBy: 1)
    let range2 = start2..<end2</pre>
    let secondChar = lyricsArea.text.substring(with: range2)
    if firstChar == "<"{</pre>
        chordBegin = start1
    if secondChar == ">"{
        let range3 = chordBegin..<end2</pre>
        arrayOfChords.append(lyricsArea.text.substring(with: range3))
    }
uniquePosts = Array(Set(arrayOfChords))
lyricsArea.text = lyricsArea.text.appending("\n" + "\n" + String
    (describing: uniquePosts))
print(uniquePosts)
var myMutableString = NSMutableAttributedString()
myMutableString = NSMutableAttributedString(string: lyricsArea.text as
    String, attributes: [NSFontAttributeName:UIFont(name:
    "CourierNewPSMT", size: 18.0)!])
var currentCharacterIndex = 0
var position1 = 0
var position2 = 0
var lenght = 0
let count = lyricsArea.text.characters.count
while currentCharacterIndex < lyricsArea.text.characters.count{</pre>
    for i in currentCharacterIndex..<lyricsArea.text.characters.count{</pre>
        let char = lyricsArea.text.index(lyricsArea.text.startIndex,
            offsetBv: i)
        if lyricsArea.text[char] == "<"{</pre>
            position1 = i
        }
        if lyricsArea.text[char] == ">"{
            position2 = i
            currentCharacterIndex = i + 1
            break
        }
    }
    lenght = position2 - position1 - 1
    myMutableString.setAttributes([NSFontAttributeName : UIFont.
        boldSystemFont(ofSize: 17),
                                    NSForegroundColorAttributeName:
                                        UIColor.blue],
```

MainViewController.swift 6/29/17, 11:41 AM

```
range: NSRange(location: position1 +
                                               1, length: lenght))
            currentCharacterIndex = currentCharacterIndex + 1
        }
        for j in 0..<count{</pre>
            let char = myMutableString.string.index(myMutableString.string.
                startIndex, offsetBy: j)
            if myMutableString.string[char] == "<" {</pre>
                print(myMutableString.string[char])
                let range = NSMakeRange(j, 1)
                myMutableString.replaceCharacters(in: range, with: " ")
            }
            if myMutableString.string[char] == ">" {
                print(myMutableString.string[char])
                let range = NSMakeRange(j, 1)
                myMutableString.replaceCharacters(in: range, with: " ")
            }
        }
        lyricsArea.attributedText = myMutableString
    }
}
```