

```
import UIKit

class WebViewController: UIViewController {

    @IBOutlet weak var webView: UIWebView!
    @IBOutlet weak var searchBar: UISearchBar!

    var importedText = ""
    var webAddress = ""
    var webSource = ""
    var currentPage = ""
    var currentTitle = ""
    var currentArtist = ""

    @IBAction func searchButton(_ sender: UIButton) {
        let url = URL(string: "https://www." + searchBar.text!)
        webView.loadRequest(URLRequest(url: url!))
    }

    @IBAction func importButton(_ sender: UIButton) {
        //get the current website's address
        if let urlAddress = webView.request?.url?.absoluteString{
            webAddress = urlAddress
        }

        //get the page source
        let text = webView.request?.url?.absoluteString
        let myURLString = text
        guard let myURL = URL(string: myURLString!) else {
            print("Error: \(String(describing: myURLString)) doesn't seem to be a valid URL")
            return
        }

        do {
            let myHTMLString = try String(contentsOf: myURL, encoding: .ascii)
            importedText = "HTML : \(myHTMLString)"
            webSource = myHTMLString
        } catch let error {
            print("Error: \(error)")
        }

        //get web address by removing www and .com...
        if let startWeb = webAddress.range(of: "https://"),
            let endWeb = webAddress.range(of: ".com", range: startWeb.upperBound..
```

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        upperBound..

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guard let myURL = URL(string: myURLString!) else {
    print("Error: \(String(describing: myURLString)) doesn't seem
          to be a valid URL")
    return
}

do {
    let myHTMLString = try String(contentsOf: myURL, encoding: .
        ascii)
    importedText = "HTML : \(myHTMLString)"
    webSource = myHTMLString
} catch let error {
    print("Error: \(error)")
}

if let start = webSource.range(of: "<pre>"),
    let end = webSource.range(of: "</pre>", range: start.
        upperBound..

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        "Ã¡", with: "á")
        getCurrentTitle = getCurrentTitle.replacingOccurrences(of:
            "Ã©", with: "é")
        getCurrentTitle = getCurrentTitle.replacingOccurrences(of:
            "Ã£", with: "ã")
        getCurrentTitle = getCurrentTitle.replacingOccurrences(of: "Ã",
            with: "í")
    } else {
        print("invalid input")
    }

    if let startArtist = webSource.range(of: "artist: "),
        let endArtist = webSource.range(of: "'", range: startArtist.
            upperBound..

```

