```
import UIKit
class WebViewController: UIViewController {
   @IBOutlet weak var webView: UIWebView!
   @IBOutlet weak var searchBar: UISearchBar!
   var importedText = ""
   var webAddres = ""
   var webSource = ""
   var getCurrentPage = ""
   var getCurrentTitle = ""
   var getCurrentArtist = ""
   @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{
            webAddres = 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 = webAddres.range(of: "https://"),
            let endWeb = webAddres.range(of: ".com", range: startWeb.
                upperBound..<webAddres.endIndex) {</pre>
            let substringWeb = webAddres[startWeb.upperBound..<endWeb.</pre>
                lowerBound]
            getCurrentPage = substringWeb
        } else {
            print("invalid input")
        }
        //get tabs if the website is ultimate guitar
        if getCurrentPage == "tabs.ultimate-guitar"{
            if let start = webSource.range(of: ""),
                let end = webSource.range(of: "<section", range: start.</pre>
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upperBound..<webSource.endIndex) {</pre>
        let substring = webSource[start.upperBound..<end.lowerBound]</pre>
        importedText = substring
    } else {
    print("invalid input")
    importedText = importedText.replacingOccurrences(of: "<span>",
        with: "")
    importedText = importedText.replacingOccurrences(of: "</span>",
        with: "")
    importedText = importedText.replacingOccurrences(of: "<pre</pre>
        class=\"js-tab-content\">", with: "")
    importedText = importedText.replacingOccurrences(of: "",
        with: "")
    if let startTitle = webSource.range(of: "banner_song_name: '"),
        let endTitle = webSource.range(of: "'", range: startTitle.
            upperBound..<webSource.endIndex) {</pre>
        let substringTitle =
            webSource[startTitle.upperBound..<endTitle.lowerBound]</pre>
        getCurrentTitle = substringTitle
    } else {
        print("invalid input")
    }
    if let startArtist = webSource.range(of: "banner_artist_name: '"),
        let endArtist = webSource.range(of: "'", range: startArtist.
            upperBound..<webSource.endIndex) {</pre>
        let substringArtist = webSource[startArtist.upperBound..<</pre>
            endArtist.lowerBound]
        getCurrentArtist = substringArtist
    } else {
        print("invalid input")
    }
    let addSongViewController = self.storyboard?.
        instantiateViewController(withIdentifier: "AddSongController")
        as! AddSongViewController
    addSongViewController.importedTab = importedText
    addSongViewController.importedTitle = getCurrentTitle
    addSongViewController.importedArtist = getCurrentArtist
        self.navigationController?.pushViewController
        (addSongViewController, animated: true)
}
//get tabs if the website is cifraclub
if getCurrentPage == "www.cifraclub"{
    let url = URL(string: webAddres + "imprimir.html")
    webView.loadRequest(URLRequest(url: url!))
    let text = webView.request?.url?.absoluteString
    let myURLString = text
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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: .
    importedText = "HTML : \(myHTMLString)"
    webSource = myHTMLString
} catch let error {
    print("Error: \(error)")
}
if let start = webSource.range(of: ""),
    let end = webSource.range(of: "", range: start.
        upperBound..<webSource.endIndex) {</pre>
    let substring = webSource[start.upperBound..<end.lowerBound]</pre>
    print(substring)
    importedText = substring
} else {
    print("invalid input")
}
importedText = importedText.replacingOccurrences(of: "<b>", with:
    ш " )
importedText = importedText.replacingOccurrences(of: "</b>", with:
importedText = importedText.replacingOccurrences(of: "<u>", with:
importedText = importedText.replacingOccurrences(of: "</u>", with:
importedText = importedText.replacingOccurrences(of: "<span</pre>
    class=\"cnt\">", with: "")
importedText = importedText.replacingOccurrences(of: "<span>",
    with: "")
importedText = importedText.replacingOccurrences(of: "</span>",
    with: "")
importedText = importedText.replacingOccurrences(of: "á", with:
importedText = importedText.replacingOccurrences(of: "Ão", with:
importedText = importedText.replacingOccurrences(of: "A£", with:
importedText = importedText.replacingOccurrences(of: "Ã", with:
    "í")
if let startTitle = webSource.range(of: "name: '"),
    let endTitle = webSource.range(of: "'", range: startTitle.
        upperBound..<webSource.endIndex) {</pre>
    let substringTitle =
        webSource[startTitle.upperBound..<endTitle.lowerBound]</pre>
    getCurrentTitle = substringTitle
    getCurrentTitle = getCurrentTitle.replacingOccurrences(of:
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"Ã;", with: "á")
            getCurrentTitle = getCurrentTitle.replacingOccurrences(of:
                "é", 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..<webSource.endIndex) {</pre>
            let substringArtist = webSource[startArtist.upperBound..<</pre>
                endArtist.lowerBound]
            getCurrentArtist = substringArtist
            getCurrentArtist = getCurrentArtist.replacingOccurrences(of: "\
                \x20", with: " ")
            getCurrentArtist = getCurrentArtist.replacingOccurrences(of:
                "á", with: "á")
            getCurrentArtist = getCurrentArtist.replacingOccurrences(of:
                "é", with: "é")
            getCurrentArtist = getCurrentArtist.replacingOccurrences(of:
                "ã", with: "ã")
            getCurrentArtist = getCurrentArtist.replacingOccurrences(of:
                "Â", with: "í")
        } else {
            print("invalid input")
        }
        let addSongViewController = self.storyboard?.
            instantiateViewController(withIdentifier: "AddSongController")
            as! AddSongViewController
        addSongViewController.importedTab = importedText
        addSongViewController.importedTitle = getCurrentTitle
        addSongViewController.importedArtist = getCurrentArtist
            self.navigationController?.pushViewController
            (addSongViewController, animated: true)
    }
    let url = URL(string: "https://www.google.com")
    webView.loadRequest(URLRequest(url: url!))
}
override func viewDidLoad() {
    super.viewDidLoad()
    let url = URL(string: "https://www.cifraclub.com.br")
    webView.loadRequest(URLRequest(url: url!))
}
override func didReceiveMemoryWarning() {
    super.didReceiveMemoryWarning()
}
```

}