let row0item = ChecklistItem()

        row0item.text = "Walk the dog"

        row0item.checked = false

        items.append(row0item)

        let row1item = ChecklistItem()

        row1item.text = "Brush my teeth"

        row1item.checked = true

        items.append(row1item)

        let row2item = ChecklistItem()

        row2item.text = "Learn iOS development"

        row2item.checked = true

        items.append(row2item)

        let row3item = ChecklistItem()

        row3item.text = "Soccer practice"

        row3item.checked = false

        items.append(row3item)

        let row4item = ChecklistItem()

        row4item.text = "Eat ice cream"

        row4item.checked = true

        items.append(row4item)

        let row5item = ChecklistItem()

        row5item.text = "Become best DJ in the land"

        row5item.checked = true

        items.append(row5item)

        let row6item = ChecklistItem()

        row6item.text = "Put up bookshelf"

        row6item.checked = false

        items.append(row6item)

func documentsDirectory() -> URL {

        let paths = FileManager.default.urls(for: .documentDirectory,

                                              in: .userDomainMask)

        return paths[0]

    func dataFilePath() -> URL {

        return documentsDirectory().appendingPathComponent("Checklists.plist")

    }

    func saveChecklistItems() {

        let data = NSMutableData()

        let archiver = NSKeyedArchiver(forWritingWith: data)

        archiver.encode(items, forKey: "ChecklistItems")

        archiver.finishEncoding()

        data.write(to: dataFilePath(), atomically: true)

    }

    func loadChecklistItems() {

        let path = dataFilePath()

        if let data = try? Data(contentsOf: path) {

        let unarchiver = NSKeyedUnarchiver(forReadingWith: data)

        items = unarchiver.decodeObject(forKey: "ChecklistItems")

                                                        as! [ChecklistItem]

            unarchiver.finishDecoding()

        }

    }