## Swift Add and Remove Item into array based on UITableview cell select and deselect

Asked 4 years ago Modified 4 years ago Viewed 990 times 🛟 Part of Mobile Development Collective



In my case, I am loading JSON data into Tableview with help of codable. The tableview multiple select and deselect checkmark options available. Now, I need to Insert selected values into one array and same time if user deselect the cell need to remove relevant value from same array. The stored array data, I am going to use in multiple viewcontroller. How to achieve this?



## **JSON Codable**



```
// MARK: - Welcome
struct Root: Codable {
    let status: Bool
    let data: [Datum]
}

// MARK: - Datum
struct Datum: Codable {
    let userid, firstname, designation: String?
    let profileimage: String?
}
```

## My Codebase for Tableview Delegate

```
var studentsData = [Datum]()
var sessionData = [Datum]()
func tableView(_ tableView: UITableView, numberOfRowsInSection section: Int) ->
Int {
        return self.studentsData.count
    func tableView( tableView: UITableView, cellForRowAt indexPath: IndexPath)
-> UITableViewCell {
        let cell:MyCustomCell =
self.tableView.dequeueReusableCell(withIdentifier: cellReuseIdentifier) as!
MyCustomCell
        let item = self.studentsData[indexPath.row]
        cell.nameCellLabel.text = item.firstname
        cell.subtitleCellLabel.text = item.designation
        return cell
    }
    func tableView(_ tableView: UITableView, didSelectRowAt indexPath:
        tableView.deselectRow(at: indexPath, animated: true)
        let item = self.studentsData[indexPath.row]
        if let cell = tableView.cellForRow(at: indexPath) {
            if cell.accessoryType == .checkmark {
```

```
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cell.accessoryType = .none
// UnCheckmark cell JSON data Remove from array
if let index = sessionData.index(of:item) {
    sessionData.remove(at: index)
}
print(sessionData)
} else {
    cell.accessoryType = .checkmark
    // Checkmark selected data Insert into array
    self.sessionData.append(item)
    print(sessionData)
}
```

ios swift uitableview

}

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asked Nov 2, 2019 at 8:42



By using the below code you can search the particular in the array and remove it easily. if let index = selectedArr.firstIndex(of: item) { selectedArr.remove(at: index) } – thevikasnayak Jul 23, 2020 at 17:05

## 1 Answer

Sorted by:

Highest score (default)

♠



You can remove the item inside the array by searching for its index



let index = try? array.firstIndex(where: { \$0. userid ==
sessionData[indexPath.row].userid })



Or you can use this Checking if an array of custom objects contain a specific custom object



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answered Nov 2, 2019 at 9:56



Joshua Vidamo 182 9

but I am using searching, so for searching I used filteredarray. Thats the reason I used item variable. anyway I will try and update you here. Thank you so much for your reply:) – myapp store Nov 2, 2019 at 10:00 /