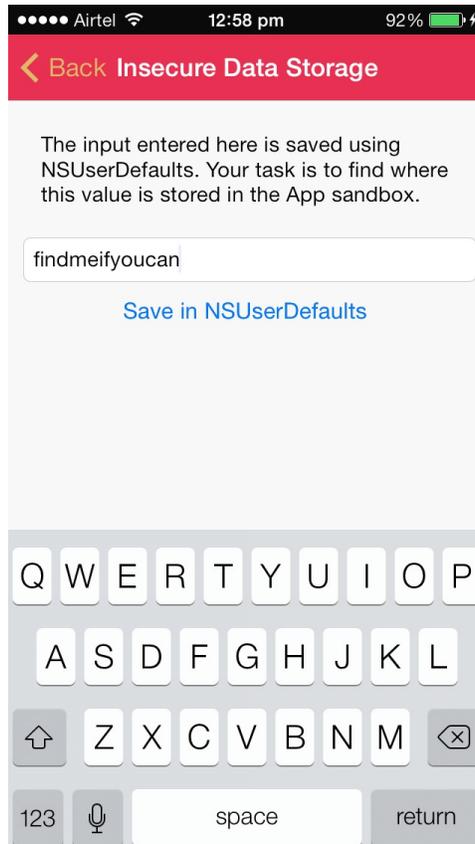


**Damn Vulnerable IOS Application Solutions**  
<http://damnvulnerableiosapp.com/>

**Insecure Data Storage –NSUserDefaults**

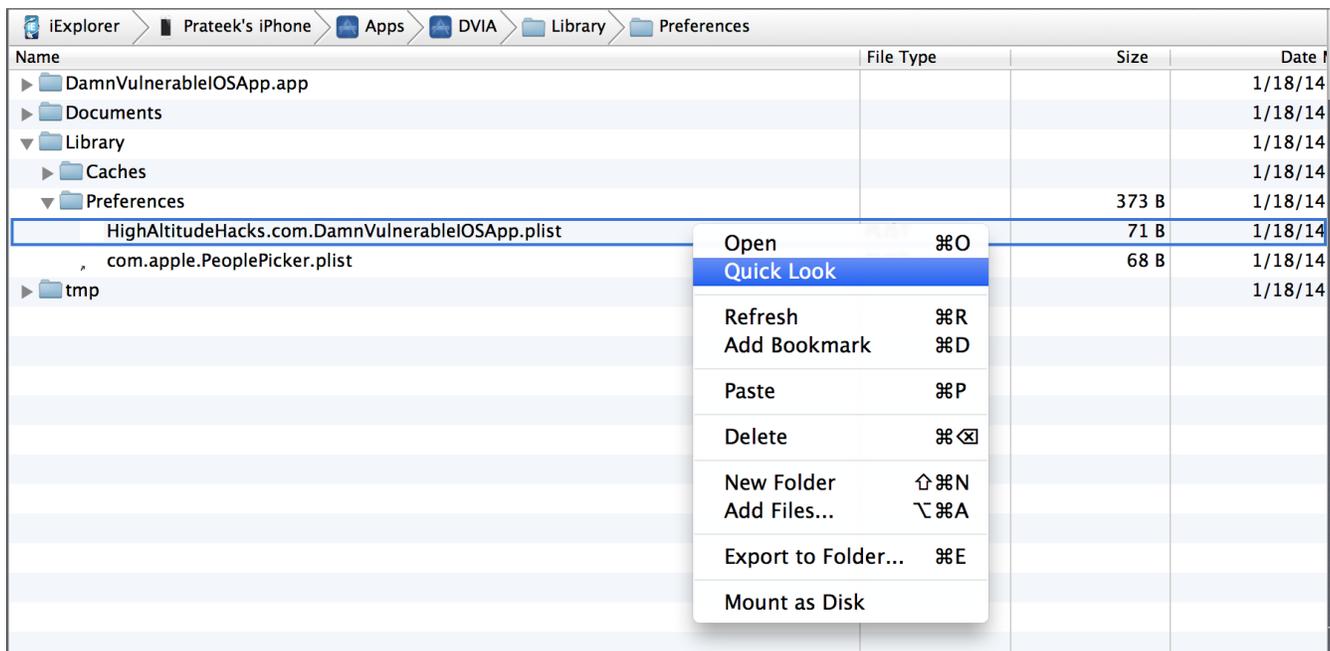
Let's enter any text in the text box and tap on *Save in NSUserDefaults*



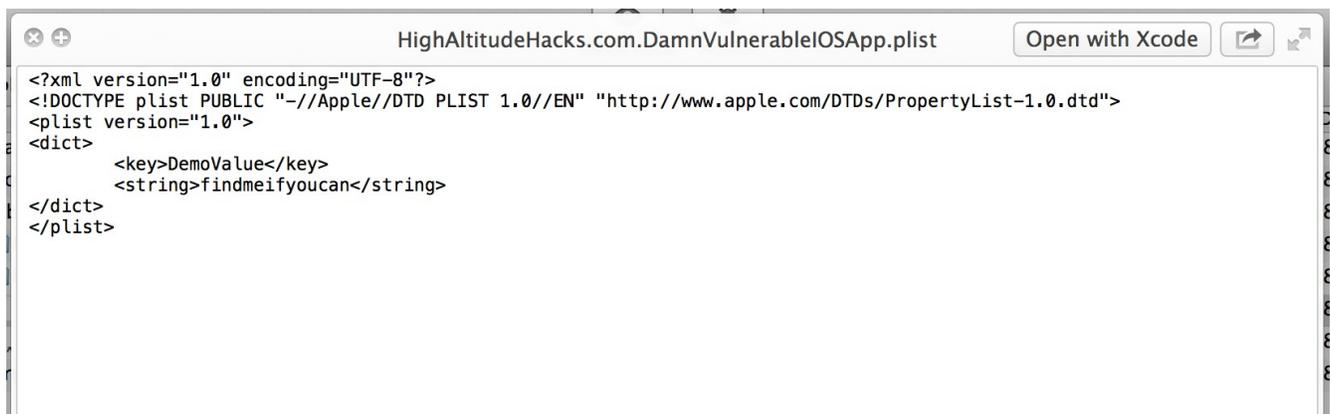
Now let's head over to the *iExplorer* application and inside the application sandbox for the DVIA application. All the information saved using NSUserDefaults is stored in an unencrypted format in the device in the location

Library -> Preferences -> \$AppBundleId.plist

So let's head over there and we can see a plist file with the name *HighAltitudeHacks.com.DamnVulnerableIOSApp.plist*. Right click on it and click on *Quick Look*



As we can see, the information is saved in plaintext in this plist file with the key *DemoValue*.



As we can clearly note here, UserDefaults is definitely not a good way to store confidential information as all the information is stored unencrypted on the device.