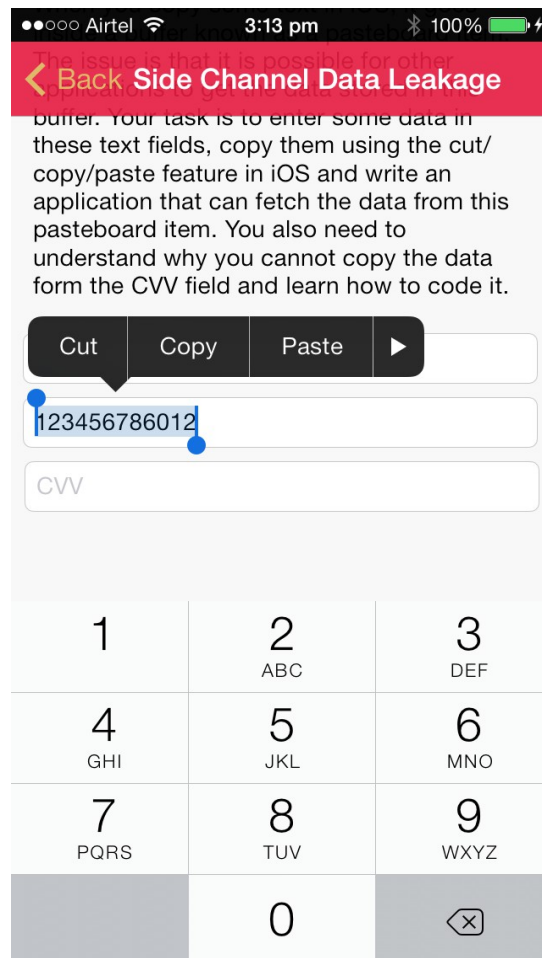


Damn Vulnerable IOS Application Solutions

<http://damnvulnerableiosapp.com/>

Side channel data leakage – Pasteboard

Enter any data in the credit card text field and copy the entire thing.



Now hook into the application using cycrypt.

```
Prateeks-iPhone:/var/mobile root# ps aux | grep "Damn"
root      872   0.0  0.1  338632   524 s000  S+   3:16PM   0:00.01 grep Damn
mobile    742   0.0  3.9  449424   40276  ??  Ss   1:14PM   0:11.92 /var/mobile/Applications/9F840A5E-BE8C-45D0-93D8-A04080E482A6/DamnVulnerableIOSApp.app/DamnVulnerableIOSApp
Prateeks-iPhone:/var/mobile root# cycrypt -p 742
cy#
```

To print out the contents of the keyboard, use the command

[UIPasteboard generalPasteboard].items

Optionally, you can also write another application that executes this command.

```
cy# [UIPasteboard generalPasteboard].items  
@[{"Apple Web Archive pasteboard type": "<3c21444f 435  
f 68746465 3034305c 74783536 30305c74 78363136 305c7478
```

From the output, you can find the information about the credit card number that was copied into the pasteboard buffer.

```
30 5c747835 3034305c 74783536 30305c74 78363136 305c7478 :  
",@public.utf8-plain-text": "123456789012"}]
```