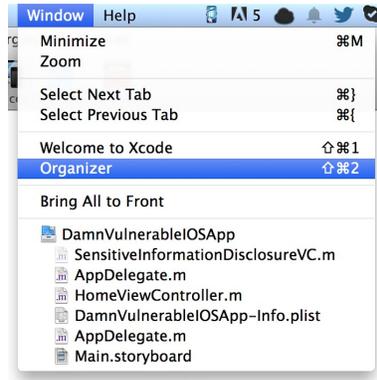


# Damn Vulnerable IOS Application Solutions

<http://damnvulnerableiosapp.com/>

## Side channel data leakage – Device logs

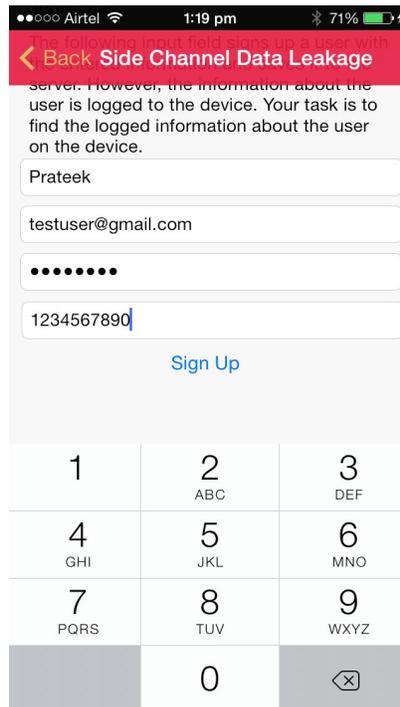
Make sure your device is connected to your computer. Fire up Xcode and go to Window → Organizer



Go to the devices section and on the left side, select your device and select console.



Now submit any dummy data in the challenge page and tap on *Sign Up*



On the console section, you will see the data about the user being logged.

```
Feb 28 13:19:14 Prateeks-iPhone mstreamd[761] <Notice>: MS:Notice: Injecting: com.apple.mediastream.mstreamd [mstreamd] (847.21)
Feb 28 13:19:14 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) mstreamd: mstreamd starting up.
Feb 28 13:19:14 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) PS: Media stream daemon starting...
Feb 28 13:19:14 Prateeks-iPhone DamnVulnerableIOSApp[742] <Warning>: user saved: <Person:new:(null)> {
    email = "testuser@gmail.com";
    name = Prateek;
    password = passw0rd;
    phone = 1234567890;
}
Feb 28 13:19:16 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) PS: MSPublisher - 1447273166 Requesting derivatives for 1 files.
Feb 28 13:19:16 Prateeks-iPhone awdd[763] <Notice>: MS:Notice: Injecting: (null) [awdd] (847.21)
Feb 28 13:19:16 Prateeks-iPhone DamnVulnerableIOSApp[742] <Warning>: Saved user info: <Person:4q3t9dSA8g:(null)> {
    email = "testuser@gmail.com";
    name = Prateek;
    password = passw0rd;
    phone = 1234567890;
}
Feb 28 13:19:16 Prateeks-iPhone awdd[763] <Error>: CoreLocation: CLClient is deprecated. Will be obsolete soon.
Feb 28 13:19:16 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) PS: MSPublisher - 1447273166 Submitting 1 asset collections for publication.
Feb 28 13:19:16 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) PS: MSPublisher - 1447273166 Submitting 1 asset collections for publication.
```

This is a mistake on the part of the developer. Such logs should be removed before submitting an application to the app store as it might reveal important information. Optionally, the user should enable logs only when the application is being run in the debug mode.