Reversing : Mobile1

Description : My friend sent this file to me and said that there was a flag in it. Can you help me?

Attachment : mobile1.ipa

Solutions :

First we need to unzip the "mobile1.ipa" file.

```
kali@kali:~$ unzip mobile1.ipa
Archive:  mobile1.ipa
   creating: Payload/
   creating: Payload/mobile1.app/
   creating: Payload/mobile1.app/_CodeSignature/
  inflating: Payload/mobile1.app/_CodeSignature/CodeResources
   creating: Payload/mobile1.app/Base.lproj/
   creating: Payload/mobile1.app/Base.lproj/Main.storyboardc/
  inflating: Payload/mobile1.app/Base.lproj/Main.storyboardc/UIViewController-BYZ-38-t0r.nib
  inflating: Payload/mobile1.app/Base.lproj/Main.storyboardc/BYZ-38-t0r-view-8bC-Xf-vdC.nib
  inflating: Payload/mobile1.app/Base.lproj/Main.storyboardc/Info.plist
   creating: Payload/mobile1.app/Base.lproj/LaunchScreen.storyboardc/
  inflating: Payload/mobile1.app/Base.lproj/LaunchScreen.storyboardc/01J-lp-oVM-view-Ze5-6b-2t3.nib
  inflating: Payload/mobile1.app/Base.lproj/LaunchScreen.storyboardc/UIViewController-01J-lp-oVM.nib
  inflating: Payload/mobile1.app/Base.lproj/LaunchScreen.storyboardc/Info.plist
  inflating: Payload/mobile1.app/mobile1
  inflating: Payload/mobile1.app/Info.plist
  inflating: Payload/mobile1.app/PkgInfo
```

Then go to the directory "Payload/mobile1.app/" and use stirngs combined to "grep" searching for "auctf" content inside the "Info.plist" file and you will get the flag.

```
kali@kali:~$ cd Payload/mobile1.app/
kali@kali:~/Payload/mobile1.app$ strings Info.plist | grep "auctf"
#auctf{i0s_r3v3rs1ng_1s_1nt3r3st1ng}
```

Flag : auctf{i0s_r3v3rs1ng_1s_1nt3r3st1ng}