Cyber Security and Digital Forensics Internship

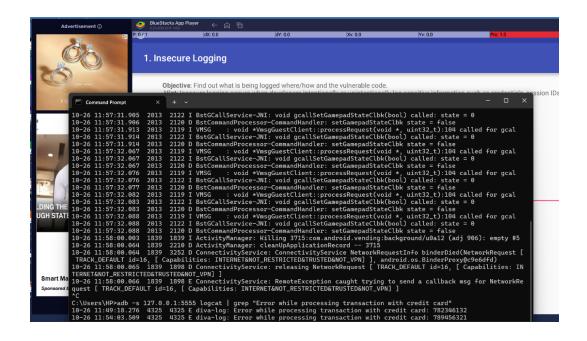
ASSIGNMENT 12 ANDROID PENTESTING (DYNAMIC PART 1)

<u>SWASTIK GONDHI</u> DOON UNIVERSITY

Drive Link -

https://drive.google.com/drive/folders/1WCK00ki1F3l FPTo7y5tdSmeKcrDeWjvs?usp=sharing

1) INSECURE LOGGING



2) HARDCODING ISSUE

```
File View Navigation Tools Plugins Help
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                                                                        e Hardcode2Activity
  Files
Scripts
Source code
android.support
                                                                                package jakhar.aseem.diva;
                                                                                import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.EditText;
import android.widget.EditText;
import android.widget.Toast;
     in jakhar.aseem.diva

in AccessControl1Activity

in AccessControl2Activity

in AccessControl3Activity
                                                                                /* Loaded from: classes.dex */
public class Hardcode2Activity extends AppCompatActivity {
    private DivaJni djni;
          AccessControl3NotesActivity
          APICreds2Activity
                                                                                      © APICredsActivity
© BuildConfig
© DivaJni
© Hardcode2Activity
          @ HardcodeActivity

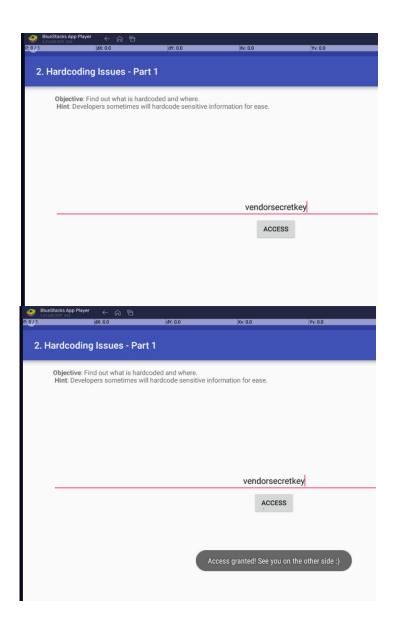
    RandcodeActivity
    InputValidation2URIschemeActivity
    InputValidation3Activity
    InsecureDataStorage1Activity
    InsecureDataStorage2Activity

          @ InsecureDataStorage3Activity
                                                                                                 se {
Toast.makeText(this, "Access denied! See you in hell :D", 0).show();
          CarrenataStorage4Activity
         © LogActivity
© MainActivity
© NotesProvide
      > © SQLInjectionActivity
      META-INF
      nes res

    AndroidManifest.xml

   APK signature
```

```
File View Navigation Tools Plugins Help
\mathbf{e}_{\mathbf{s}}^{\mathbf{c}} Hardcode2Activity \times \mathbf{e}_{\mathbf{s}}^{\mathbf{c}} R \times \mathbf{g} AndroidManifest.xml \times \mathbf{e}_{\mathbf{s}}^{\mathbf{c}} HardcodeActivity
                                                                                                                        package jakhar.aseem.diva;
                                                                                                                         import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;
    > @ AccessControl2Activity
> @ AccessControl3NotesActivity
> @ AccessControl3NotesActivity
> @ APICreds2Activity
> @ APICredsActivity
> @ Bulldconfig
> @ Divani
> @ Hardcode2Activity
> @ Inputvalidation3URIschemeActivity
> @ Inputvalidation3Activity
> @ Inputvalidation3Activity
> @ Inputvalidation3Activity
> @ Inputvalidation3Activity
                                                                                                              droid.support.v4.app.FragmentActivity, android.support.v4.app.BaseFrag
                                                                                                                                 public void access(View view) {
    dittext bckey = (EditText) findViewById(R.id.hcKey);
    if (hckey.getText().toString().equals("vendorsecretkey")) {
        Toast.makeText(this, "Access granted! See you on the other side :)", 0).show();
    } else {
        Toast.makeText(this, "Access denied! See you in hell :0", 0).show();
    }
}
               mainputvalidation3Activity
@ InsecureDataStorage1Activity
@ InsecureDataStorage2Activity
@ InsecureDataStorage3Activity
@ InsecureDataStorage4Activity
               © LogActivity
© MainActivity
© NotesProvider
               R
    R
    SQLInjectionActivity
     Resources
         lib
META-INF
res
AndroidManifest.xml
           a classes.dex
      resources.arsc
                                                                         ▲ 139 warnings Code Smali Simple Fallback
                                                                                                                                                                                    Split view
```



PS: Will submit the rest in the next checkpoint, as my final exams are going on, datesheet of which is attached below as the proof. From 21st to 30th May.

