ASSIGNMENT NO: 01

/*

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Roll No.: PD09

Subject: DFCL

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Problem Statement:

Perform installation and employ any Android Mobile Forensics Open Source Tools for real time investigation of mobile forensics.

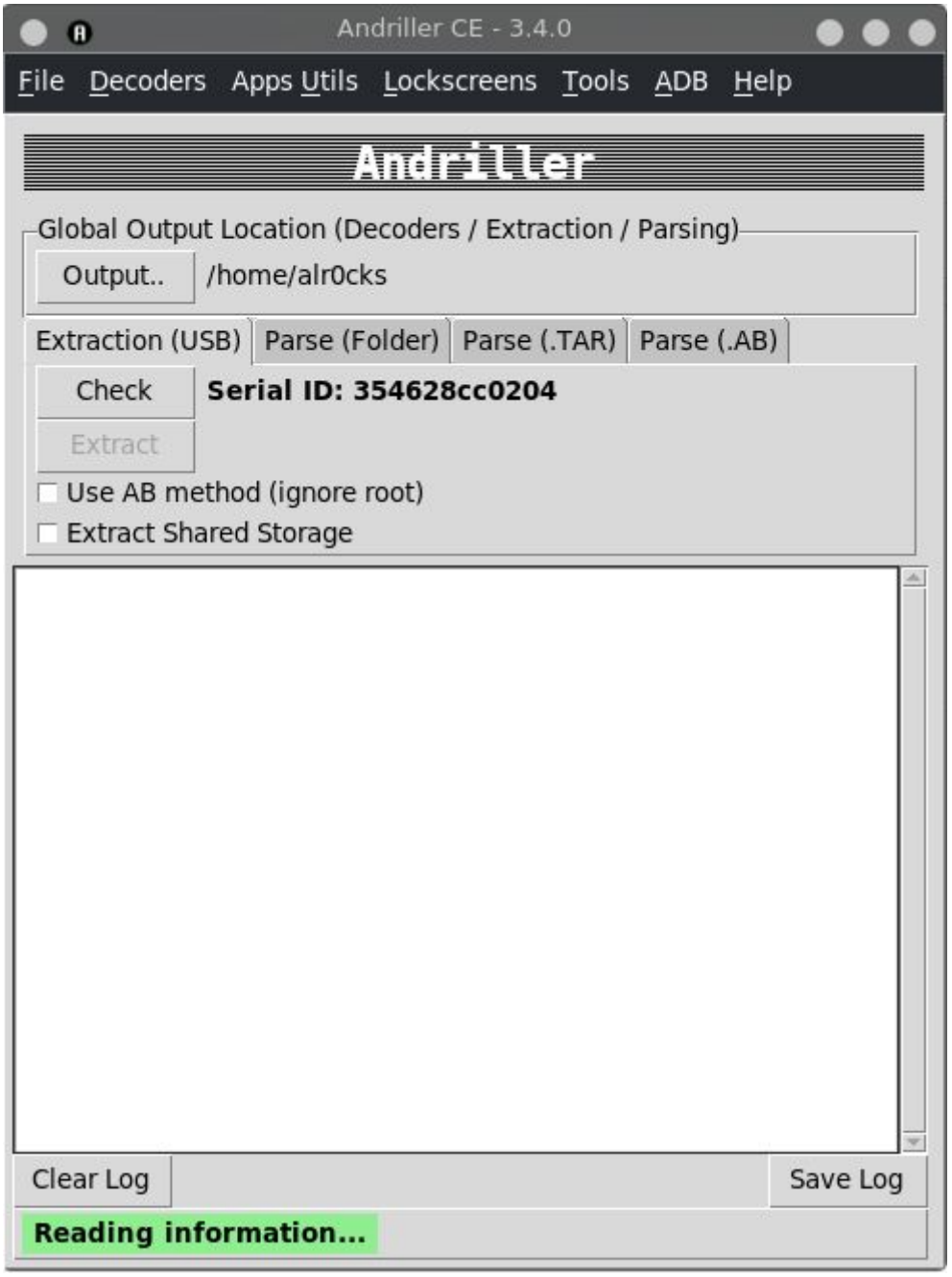
Objectives:

Explore the Andriller tool.

Theory:
Andriller - is software utility with a collection of forensic tools for smartphones. It performs read-only, forensically sound, non-destructive acquisition from Android devices.

Features of Andriller:

1. Database Decoders
2. Data Extraction from Androids
3. Data Parsing
4. Reporting



Implementation:

1) Install Andriller using following commands:
    a) `sudo apt-get install android-tools-adb python3-tk`
    b) `pip install andriller -U`

2) Launch the app using:
    a) Python -m andriller
3) Connect the mobile device and make sure usb debugging is on.
4) Extract data and take full back up from mobile
5) Generate a report:

 # This report was generated using Andriller CE # (This field is editable in Preferences)

[Andriller Report]

Type	Data
Serial	354628cc0204
Status	device
Permisson	shell
Wifi Mac	02:00:00:00:00:00
Local_Time	2020-09-22 15:22:13 IST
Device_Time	2020-09-22 15:22:47 IST
Accounts	• com.google: alok.bhawankar@gmail.com • com.google: alokbhawankar@thescriptgroup.in • com.google: alrocks29@gmail.com • com.google: boneslaw99@gmail.com • com.google: support@thescriptgroup.in • com.google.android.gm.legacyimap: alokbhawankar@outlook.com • com.google.android.gm.legacyimap: boneslaw99@outlook.com • com.whatsapp: WhatsApp • com.truecaller.account: Truecaller • org.thunderdog.challegram.sync.account: Telegram • com.facebook.auth.login: Facebook • com.cisco.webex.meetings.ACCOUNT: Webex Meet • com.github.android: alrocks29 • com.microsoft.workaccount: 1032170126@mitwpu.ac.in • com.mgoogle: alok.bhawankar@gmail.com • com.adobe.creativesdk.foundation.auth.adobeID.DC: alrocks29@gmail.com • com.skype.raider: Skype • com.microsoft.android.enterprise15: Skype For Business

 # andriller.com # (This field is editable in Preferences)

You can go through all the metadata now

Platform: 64 bit Linux OS
Conclusion: Hence learned how to use andriller app.