Mobile Security Package - Building a vulnerable Weather Forecast App

**Challenge Questions:**

1. Something within the app is intentionally concealed. Can you uncover and activate it?
2. The login mechanism assumes valid users are known. Could an unexpected input allow entry?
3. The app may be too chatty when processing requests. What hidden data can you intercept?
4. Some secrets are stored within the app itself. Can you extract and make sense of them?
5. The app depends on a remote service. What overlooked detail in the code might grant unintended access?
6. Users assume their data is safe. Could it be hiding in plain sight?

**Tool List Required:**

* **Decompilation & Static Analysis:** jadx, apktool
* **APK Modification:** apktool, smali
* **SQL Injection Testing:** SQLite command line, Burp Suite
* **Log Monitoring:** adb logcat
* **Base64 Decoding:** python (with base64 module)
* **Network Analysis:** curl, Burp Suite