MOBILE SECURITY PACKAGE QUESTIONS

21PC09 – FENI AUXILY A

**Vuln CTF App**

1. In the quiet corners of the codebase, something has been left behind – unprotected, never encrypted, never hidden – just waiting to be seen by anyone who knows where to look but is not supposed to. Could it be a flag, resting silently in the logic, yet fully exposed to the curious?

1. Every app has a small, quiet place where it stores everything to remember and recall later. But sometimes, it keeps more than it should. If you knew where to look in the app’s private memory, a shared space between pages, you might find something left behind in plain text. What might be waiting is the flag, quietly in the file where the app keeps the trusted notes.

1. Not all secrets are spoken aloud. Some are whispered into the void; some clues are logged only when the app is alive and speaking. If you tune in at the right time, with the right frequency, what might it accidentally tell you is the flag?

1. The app guards the flag behind a wall of numbers – simple, familiar, and easy to overlook. What would happen if someone guessed exactly right, slipping past the check with a number the app was already expecting?

1. If you were to read between the lines of what’s displayed, you might notice more than just design. What if a message was quietly tucked away in a file the app loads from within? Could the flag be in plain sight, inside one of the app’s trusted assets?

1. The answer isn't written in Kotlin/Java or displayed anywhere on the screen. It's buried deeper, in a language much closer to the machine – compiled, compact, and quiet. You won’t find it by just reading the code; you’ll have to dig into the binary where only machines usually speak. But if you could, what flag might it reveal to you?