

4th July 2025 (Friday)

The session began with a detailed revision of Core Java fundamentals, setting a strong foundation for Android programming. Our instructor spent time explaining how Java acts as the core language for Android development. For the first part of the class, we explored the syntax and structure of Java programs, including the importance of `main()` method and the JVM's role in code execution. Later, we practiced working with data types, variables, and operators, writing small programs to understand the difference between primitive and non-primitive types. The mentor encouraged us to test outputs with varying inputs to observe behavior changes, which improved our logical understanding. The session concluded with a hands-on exercise where we created a simple calculator program using arithmetic and logical operators. This practical engagement within two hours made the learning both theoretical and applied.