

8th July 2025 (Tuesday)

Today's topic was Exception Handling and File Management in Java. The trainer explained why exceptions occur, their types, and how proper handling prevents crashes — an essential skill for mobile app stability. We implemented try-catch-finally blocks to handle runtime errors like division by zero and file not found. The mentor also explained the use of throw and throws keywords and custom exceptions for specific cases. In the latter half of the session, we learned file input and output using FileReader, BufferedReader, and FileWriter. A short task was given — create a small file-based program that reads user input from the console and saves it to a text file. By the end of the two hours, I had successfully completed the program and understood how persistent data storage works at a basic level, laying the groundwork for understanding database storage later.