

Reflection

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During this course, I've gained a deeper understanding of the Java programming language. Although I had some prior experience with Java, this class has been a great refresher and has significantly solidified my knowledge of the Java programming language. Beyond just reviewing the basics, I learned new concepts that changed how I approach programming in Java. For instance, while I had explored memory manipulation when studying C++ independently, I had not given much thought to how Java handles memory management. Learning about Java's Garbage Collector (GC) and how it automatically manages memory allocation and cleanup was particularly enlightening, offering me new insights into how Java maintains efficiency without manual intervention. In addition, concepts like constructors and class referencing, which were previously a bit challenging, have finally clicked. This class provided the clarity I needed to grasp these areas, which in turn has broadened my skillset and bolstered my problem-solving approach. Another key aspect was the GitHub course videos, which opened new perspectives on a platform I thought I was familiar with. These resources not only offered practical tips for navigating and using the GitHub interface more effectively but also introduced me to Copilot AI. With Copilot's assistance, I learned how AI can streamline the coding workflow and augment productivity, making the whole development process more intuitive and efficient. Overall, I enjoyed this class. I got to learn more about the exception handling, Classes, OOP concepts, and learn about how Java can handle memory. I had learned about printwriter and I/O stream, but I was not able to put them to use until now. Thank you for your class.