

Agenda: 28 July 2025

9:00am – 1:00pm

- `toString()`, `hashCode()`, `equals()`, `==` vs `equals()`
- Collections Framework: Exploring List, Set, and Map Implementations
- Generics in Java: Ensuring Type Safety and Reducing Code Redundancy.
- Working with Lambda Expressions and Functional Interfaces.
- Introduction to the Java Date and Time API for Effective Date/Time Handling.

Labs

- Create and Manipulate ArrayList in Java
- Ice Cream Inventory

2:00pm – 5:00pm

- Java Database Connectivity (JDBC): Connecting to and Interacting with Relational Databases.
- JUnit With Mockito - Mocking Methods
- Error Handling and Debugging Techniques for Efficient Problem-Solving.

Labs

- Community News Jdbc
- Use a Lambda Expression in Java [Guided]
- Java Nista