**Internship Report – Day 1**

Date: 2 June 2025

Topic: Introduction to Java and Eclipse Installation

On the first day of our internship, we were introduced to the basics of Java programming and given detailed instructions on how to install the Eclipse IDE, which is commonly used for Java development. This session was essential in setting up the tools needed for future programming tasks.

Key Learnings:

1. Introduction to Java:

Java is a high-level, object-oriented programming language developed by Sun Microsystems.

It is known for its platform independence, which means code written in Java can run on any system with a Java Virtual Machine (JVM).

Java is widely used for building desktop, web, and mobile applications due to its simplicity, security, and robustness.

2. Installation of Eclipse IDE:

Downloaded the Eclipse IDE for Java Developers from the official Eclipse website.

Installed Eclipse by extracting the downloaded package and running the installer.

Set the JDK path in Eclipse to enable Java program execution.

Explored the basic layout of Eclipse, including the editor window, project explorer, and console.

Conclusion:

The first day provided a solid start to the internship by introducing the core concepts of Java and guiding us through the setup of the Eclipse IDE. With the development environment properly configured, we are now prepared to begin writing and testing Java programs effectively in the upcoming sessions.