**JMeter, JProfiler, and JConsole** are all tools used in Java development, but they serve different purposes:

1. **JMeter:** Apache JMeter is a popular open-source tool used for load testing, performance testing, and functional testing of web applications. It allows you to simulate a heavy load on a server, website, or network to test its strength or to analyse overall performance under different load types. JMeter supports various protocols like HTTP, HTTPS, FTP, JDBC, SOAP, and others.
2. **JProfiler**: JProfiler is a Java profiler. It is a commercial tool used for profiling Java applications to analyse performance bottlenecks, memory leaks, and overall application performance. JProfiler provides a wide range of profiling features like CPU profiling, memory profiling, thread profiling, and more. It helps developers optimize their applications for better performance and efficiency.
3. **JConsole:** JConsole is a monitoring tool that comes with the Java Development Kit (JDK). It provides a graphical interface for monitoring and managing Java Virtual Machine (JVM) instances. With JConsole, you can monitor JVM performance metrics such as memory usage, thread count, class loading, and MBeans (Managed Beans). JConsole is primarily used for monitoring and diagnosing JVM-related issues in development and production environments.