1. **How JavaScript differs from Java?**

   Ans:

   1.Purpose:

   - **JavaScript**: JavaScript is a scripting language primarily used for client-side web development. It is commonly used to add interactivity and dynamic behavior to web pages.

   - **Java:** Java is a general-purpose programming language originally designed for building standalone applications. It is often used for server-side development, mobile application development (Android), and enterprise applications.

2. **Execution Environment:**

   - **JavaScript:** JavaScript code is typically executed by web browsers. It is interpreted by the browser's JavaScript engine.

   - **Java:** Java code is compiled into bytecode, which can run on any platform with the Java Virtual Machine (JVM). Java applications are compiled once and can run on any device with a JVM installed.