**B2. Difference between JDK, JRE and JVM.**

**JDK :-** is an acronym for Java Development Kit . It is a bundle of software components that is used to develop Java based applications includes JRE , and the compilers and tools (like JavaDoc, and Java Debugger) to create and compile programs.

**JRE:-**  is an acronym for Java Runtime Environment . It is an implementation of the Java Virtual machine, which actually executes Java programs. It includes the JVM (Java Virtual machine), core libraries and other additional components to run applications and applets written in Java. The JDK is a superset of the JRE , and contains everything that is in the JRE, plus tools such as the compilers and debuggers necessary for developing applets and applications. It also includes browser plugins for Applet execution. The JRE does not contain tools and utilities such as compilers or debuggers for developing applets and applications.

**Java Virtual Machine (JVM) :-** is a specification that provides runtime environment in which java bytecode(.class files) can be executed. The JVM is the platform. As the name implies, the JVM acts as a "virtual" machine or processor. Java's platform independence consists mostly of its Java Virtual Machine (JVM) . JVM makes this possible because it is aware of the specific instruction lengths and other particularities of the platform (Operating System).