**Java**

**Java Virtual Machine**

JVM stands for Java Virtual Machine which is a run-time environment for the compiled java class file.

**Are JavaScript and Java the same?**

Java is an OOP programming language while Java Script is an OOP scripting language.

Java creates applications that run in a virtual machine or browser while JavaScript code is run on a browser only.

Java code needs to be compiled while JavaScript code are all in text.

They require different plug-ins.

**Java Runtime Environment**

JRE is what we need to run a Java program and contains set of libraries and other files that JVM uses at run time.

JRE = JVM + Library Classes

**Java Development Kit**

JDK is what we need to compile Java source code and contains JRE, development tools.

JDK = JRE + Development tools