Interview Question's Java

1.What is the difference between JDK and JRE?

Ans: JDK-stands for Java Development Kit to create, compile and debug java applications.

JRE-stands for Java Runtime Environment.it provides environment to run java applications.

2.. What is Java Virtual Machine (JVM)?

Ans: It act as a translator between your java code and your computer's operating system.

3.What are the different types of memory area allocated by JVM?

Ans:

4. What is JIT compiler?

Ans: JIT(Just-In-Time) compiler is a part of JVM that improves the performance java programs by compiling bytecode into native machine code.

5. How Java platform is different from other platforms?

Ans: Java is a platform Independent Language.

6. Why people say that Java is ‘write once and run anywhere’ language?

Ans: Java program can be written once and than run on any platform without the need of any additional changes and modification.

7. How does ClassLoader work in Java?

Ans: ClassLoaders are responsible for loading the classes into memory.

8. Do you think ‘main’ used for main method is a

keyword in Java?

Ans: 'main' is not the keyword in java. It is just a identifier(a method name).main is required by the JVM to start the execution. we can use main as a variable, method outside the main context.

9. Can we write main method as public void

static instead of public static void?

Ans: No,it follows a specific order ,in which we first write access modifier [public],static/final[static],return type[void].