**What is the difference between JDK and JRE?**JDK stands for java development kit and JRE stands for java runtime environment JDK provide tools for developing java applications It includes JRE Compilor ,Debugger and JRE basically a package that provide the core java class libraries  **,**JVM(Java virtual machine). **2. What is Java Virtual Machine (JVM)?**It is a part of JRE It allow java to plateform independent because It convert java byte code to machine code that can run anywhere .  **3. What are the different types of memory areas  
allocated by JVM?**  
**4. What is JIT compiler?**JIT stands for just in time compiler is a part of JVM It convert byte code into machine code at runtime.  **5. How Java platform is different from other  
platforms?**Because it is a plateform independent we can write it ones and run anywhare **6. Why people say that Java is ‘write once and  
run anywhere’ language?**because it is plateform Independent  **7. How does ClassLoader work in Java?**Loads class files into memory . It verify the correctness of the java bytecode.  **8. Do you think ‘main’ used for main method is a  
keyword in Java?  
  
  
9. Can we write main method as public void  
static instead of public static void?**

Yes the java program run successfully if we write public void static instead of public static void java is flexible regarding the order of access modifiers, and both declarations are valid for the main method.