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| Main Concepts | Notes | Summary |
| Compiler | Converts high level language in to format understood by machines | Translates source code from a programming language in to executable code |
| Executable Code | executed by the CPU directly | In Java it is called as Java Byte code |
| JVM | It is an interpreter | Byte code is non executable &executes by JVM |
| JVM importance in Java | Depends on operating system | Helps programs to run in any device |
| Termed as Probability | Separate JVM is available | When JDK is installed JVM is available which helps to read the bytecode |
| Independent | Doesn’t depends on same OS & byte code is main role | Java compiler doesn’t generate an exe file which is OS dependent & JVM is dependent |

**JAVA PROGRAMMING**