JDK: java development kit🡺 java Software

JDK 🡺 JRE + JVM

JRE 🡺 Java runtime environment + inbuilt libraries

JVM: java virtual machine

All the java code will be save in .java file 🡺 .class (byte code) 🡺 compile time

Reading of .class file line to line is at 🡺 runtime

Java is platform independent

JVM is platform dependent

Path vs classpath 🡺 bin 🡺 .class

Int I = 10; 🡺 stack memory

long l = 100l; 🡺 Stack memory

Hello hello = new Hello(); 🡺 Heap memory

Diagram

Description automatically generated

Class: it contains collection of objects and methods

Object: data storage which is instance of class.

Method: all the logics should be written inside the method

Method with return type and parameters

Method with return type and no parameters

Method without return type and parameters

Method without return type and no parameters