Java it is platform independent.

Java is a multi threaded.

Java is a secure language.

Object oriented.

Interpreted language.

JDK 🡺 java software

JRE 🡺 java runtime environment

JVM 🡺 java virtual machine

.java 🡺 .class file (byte code) converts, 🡺 This .class file code can be run in multiple platforms

.java 🡺 .class 🡺 compile time

.class file executing 🡺 runtime

Path vs classpath

Class: its like a template structure which consists of Objects, methods, variables

Method: All the logic should be implemented within the method.

Object: data storing and to call any non-static methods we need to create class object.

public class Hello { 🡺 class

Hello h = new Hello(); 🡺 Object

public void hi(){ 🡺 method

….

…….

…..

}

}

Diagram

Description automatically generated