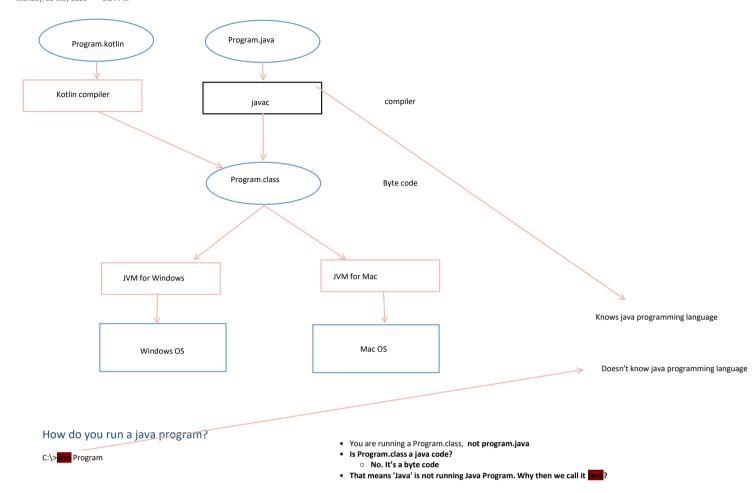
Java Architecture

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Java Terminology

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Java compiler. Knows

Java —> Represents to different and related ideas.

- 1. It's a ... programming language.
 - a. But
 - Android Phone is Not a Java Phone but we using java language
 - There were older phone that were java Phone still we never wrote a java code in the phone.
- 2. It's an Execution Platform t Execute can Application
 - a. Android Phones use Java Programming language to write the program
 - b. But Andorid Phones don't use Java Execution Platform
 - i. They are not considered Java Phones
 - c. You may write an Android application in a new programming language called Kotlin and can run it on Java Platform
- 3. JRE Just another word for 'Java Platform'
 - a. When you want to run an application on an operating system you need Java installed -> you need JRE installed.
- 4. JVM JVM is a component of Java Platform that interprets the entire byte code.

JEE

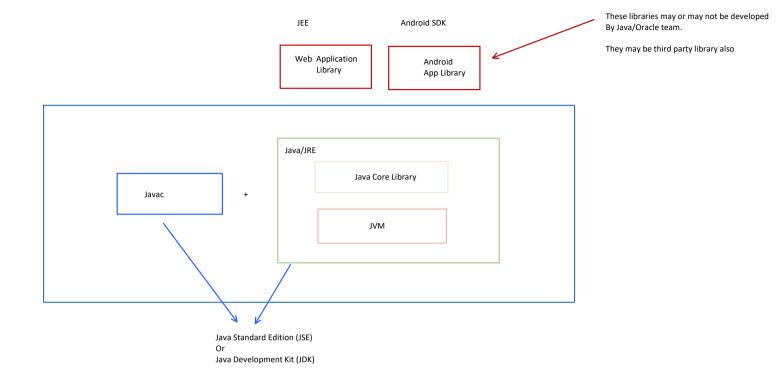




Execuetes the byte code that is not a java program

Java Technology Stack

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Abstract Windowing Toolkit

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- Original Java Desktop (and Applet) Development Model
- You can develop Java Desktop Application using AWT
- These applications shall be platform Independent
 - o On each platform JVM using native OS api to render the UI

AWT Model

- Each UI element such as Button, TextBox, Checkbox are individual Objects
- They are gathered together on a Form