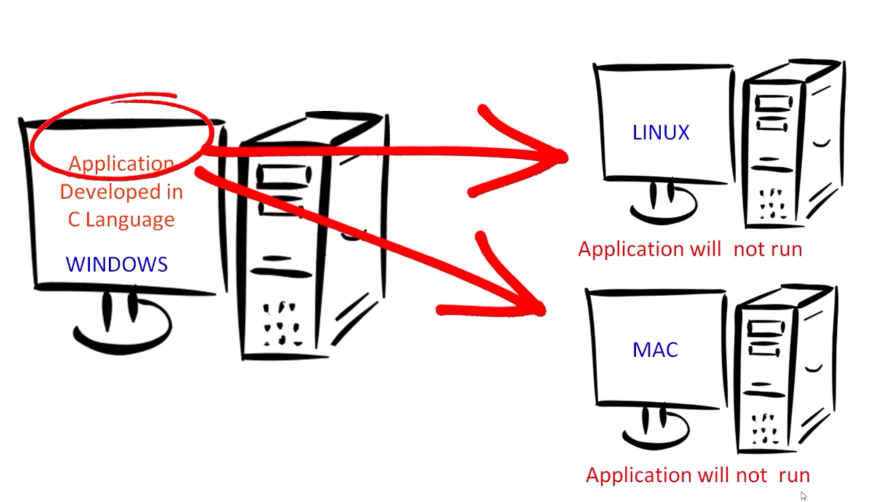
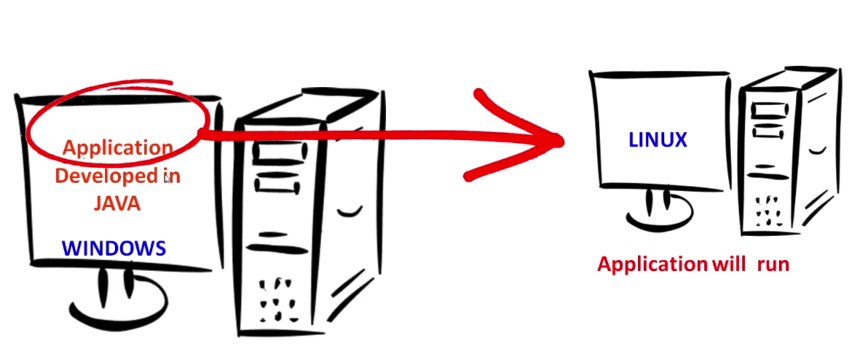
**MODULE 1**

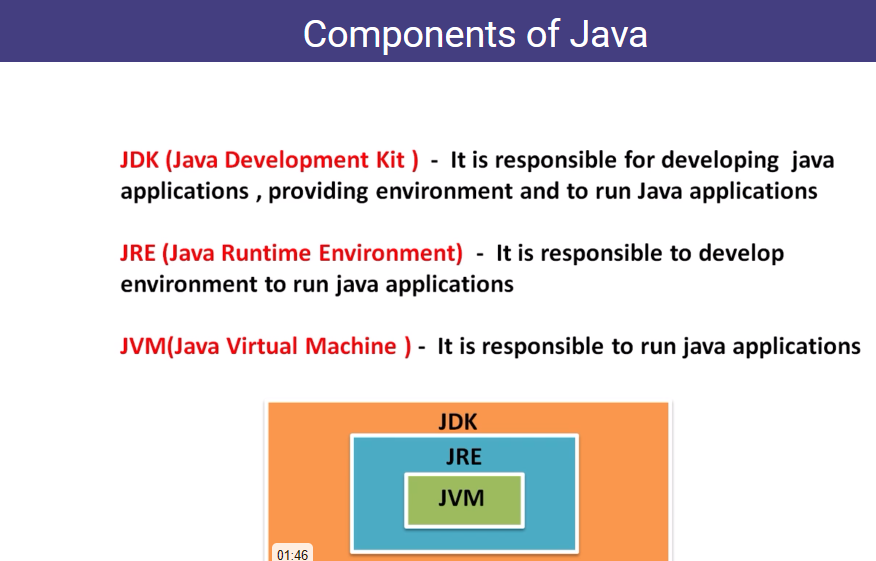
**Lesson 1**

Java is OOP language.

Java is a language that is not tied to ant particular hardware or operating system.

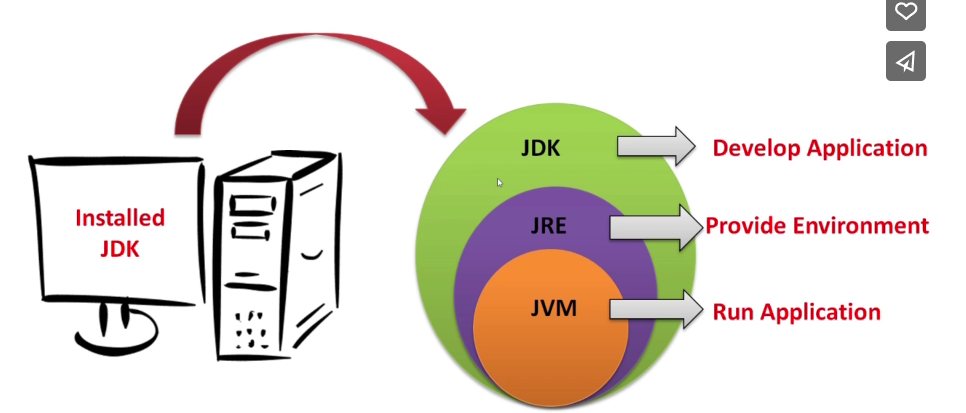
Java is not like that. Here C is platform dependent language

**Lesson -2**

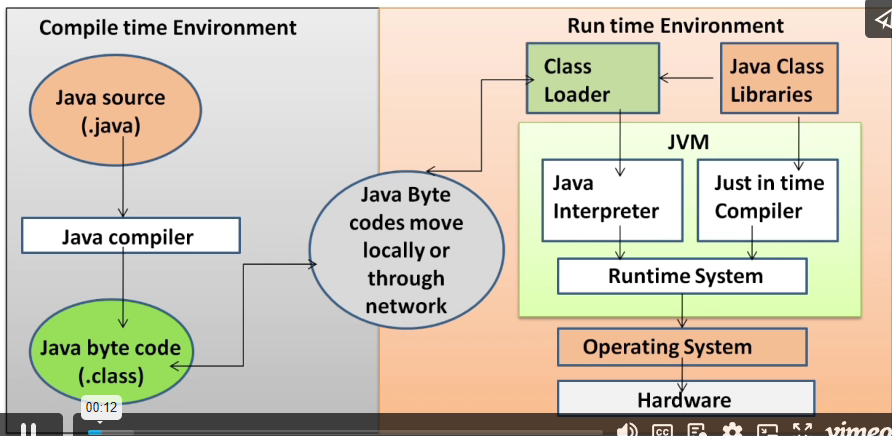
****

* Once the JRE install we can use JVM . It automatically installed.

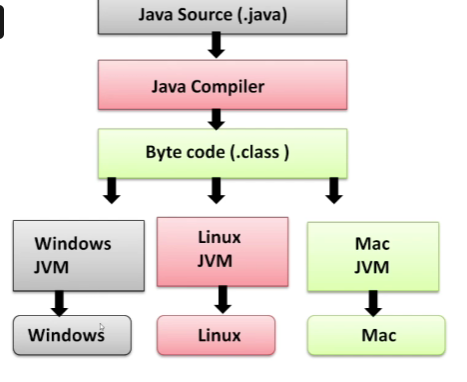
When we installed JDK then all are available.



* To run Java application for all window, mac and linux operation system we need JVM.

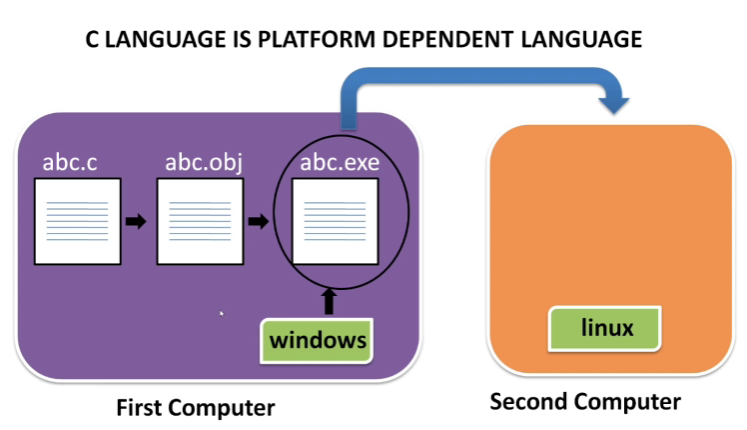
**Lesson -3 – Why java platform independence**

1. Class Loader- check the bytes coming from machine 1
2. Java Interpreter- to generate intermediate code.
3. Just in Time Compiler - Generate native code

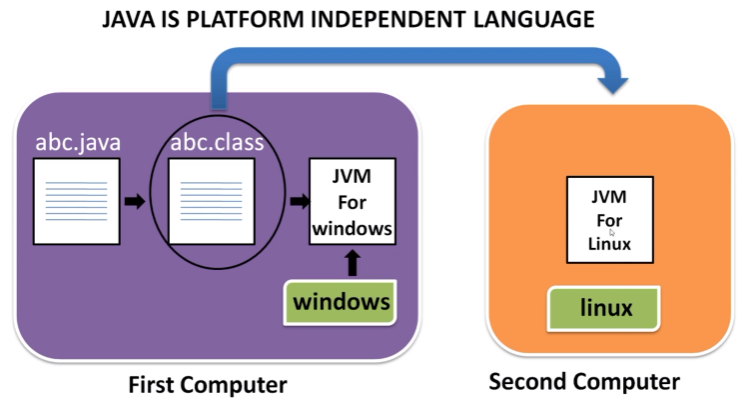
Java compiler convert source code to byte code(Class).

Them each OS have it’s JVM.

**Lesson 4 : Platform Dependent and Independent language**

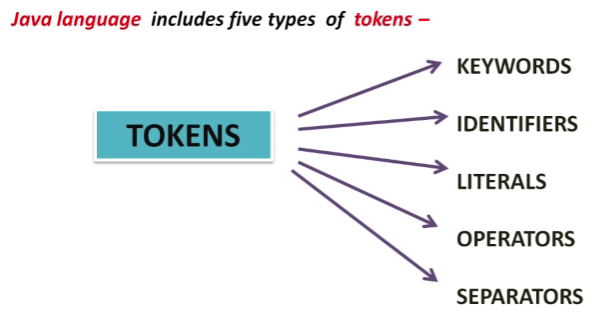
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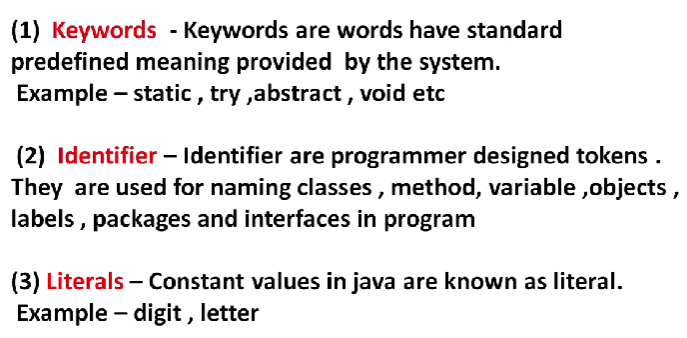
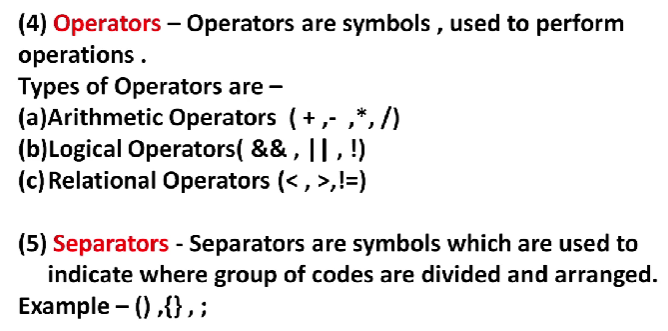
Here the abc.c is not run in the second computer.

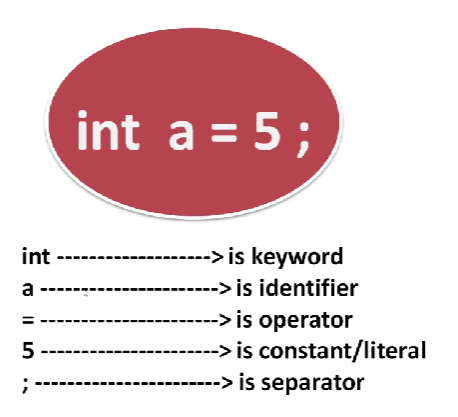
****

**MODULE 2**

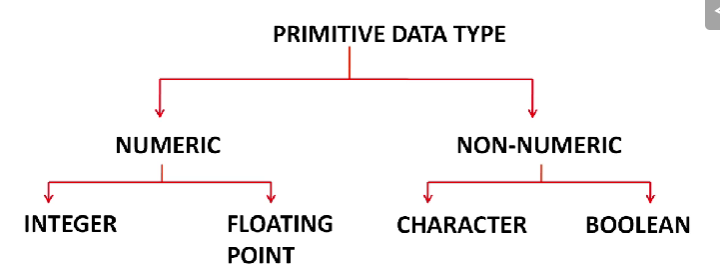
**Lesson 1**

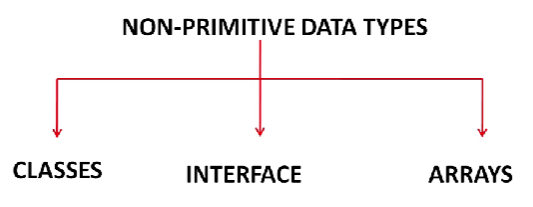
Jave Tokens – Smallest individual units in a program are known as token.

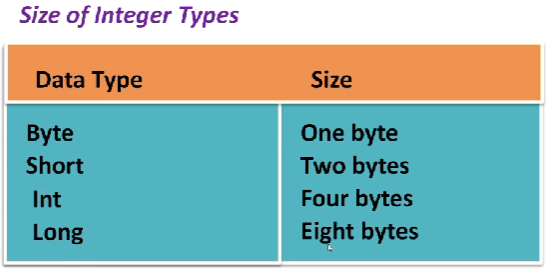




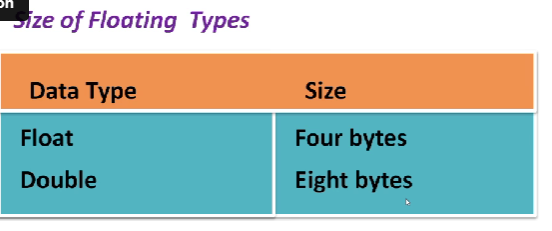
There are two data types.

* Primitive
* Non primitive



Integer can be categorize into,

* Byte
* Short
* Int
* Long

Floating date type

* Float
* Double

**Lesson 2 : Features of Java**

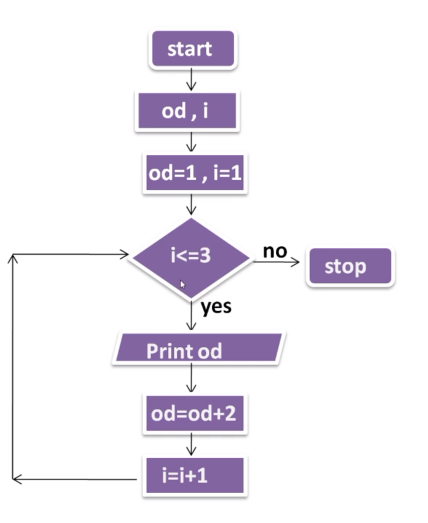
* Platform Independent
* Object-Oriented
* Distributed
* Multithreaded
* Secure and Portable

**Module 3**

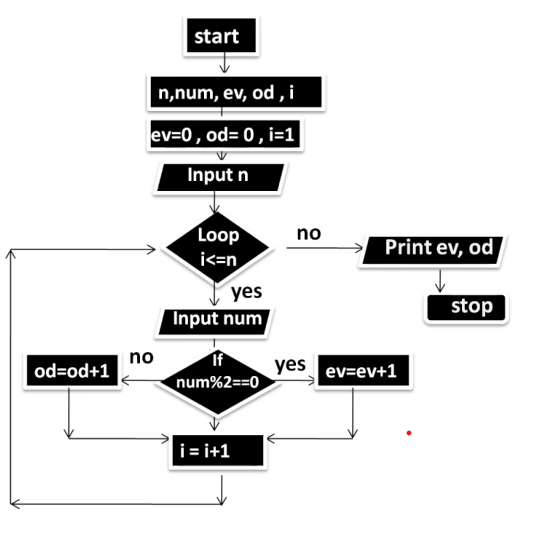
Basic programming steps

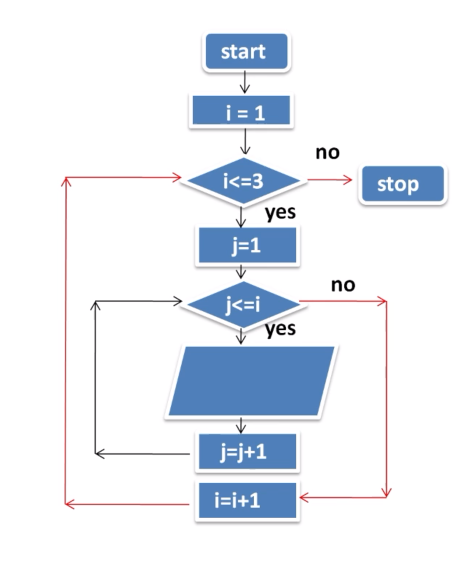
1. Sequence - Not have to take decision
2. Selection – Take a decision
3. One-way Selection
4. Two-way Selection
5. Multiple Selection
6. Loop – Set a condition and ittarete

Scanner is pre define class in java. It is inside the util.Scanner

**MODULE 4**

Flow chart of loop

Loop with if statement

Loop with in Loop.

**ARRAY**

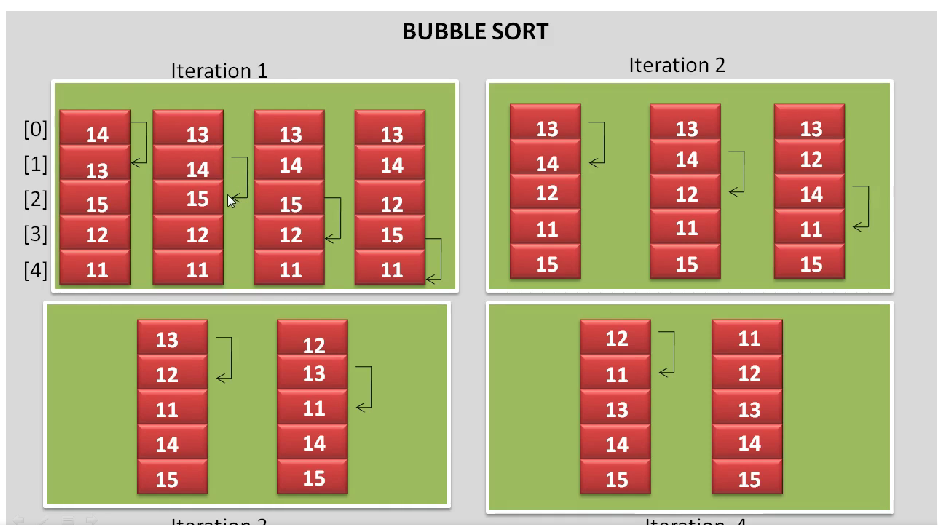
Here we can store more than one value in similar data type.

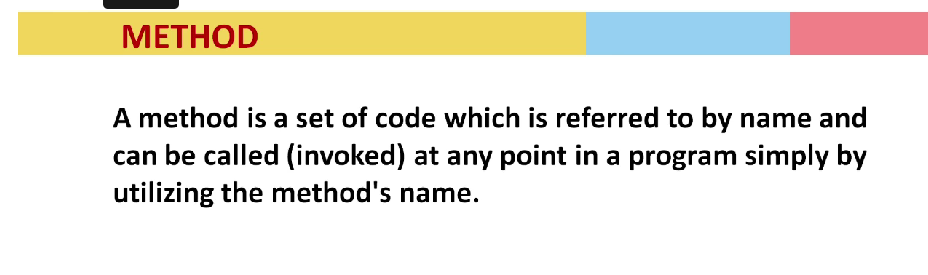
Array can be declare in two ways in java,

int[] myArray; <- First Way

int myArray[]; <- Second Way

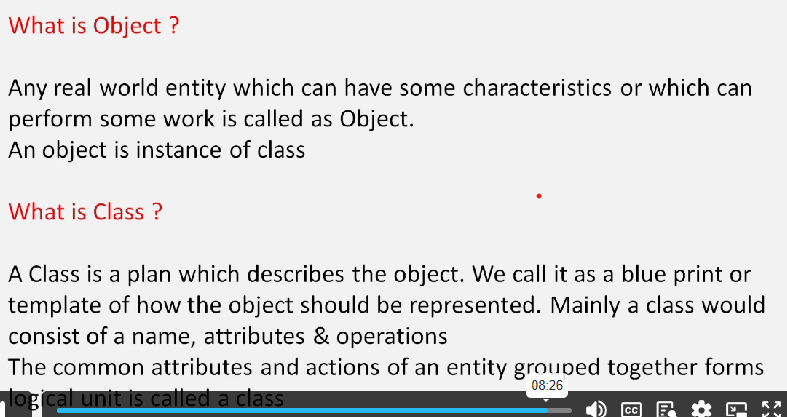
**BUBBLE SORT**

****

****

**Object-an**

**Class is abstract.it is blue print. Not real.**

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