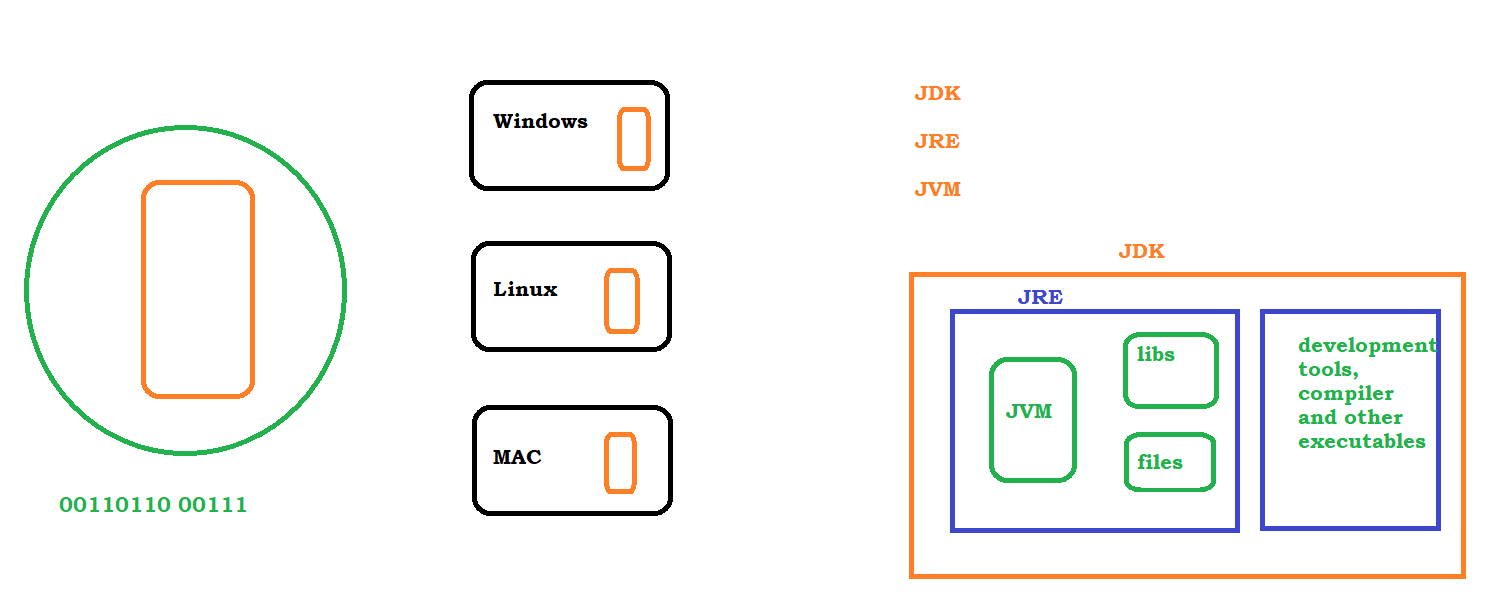
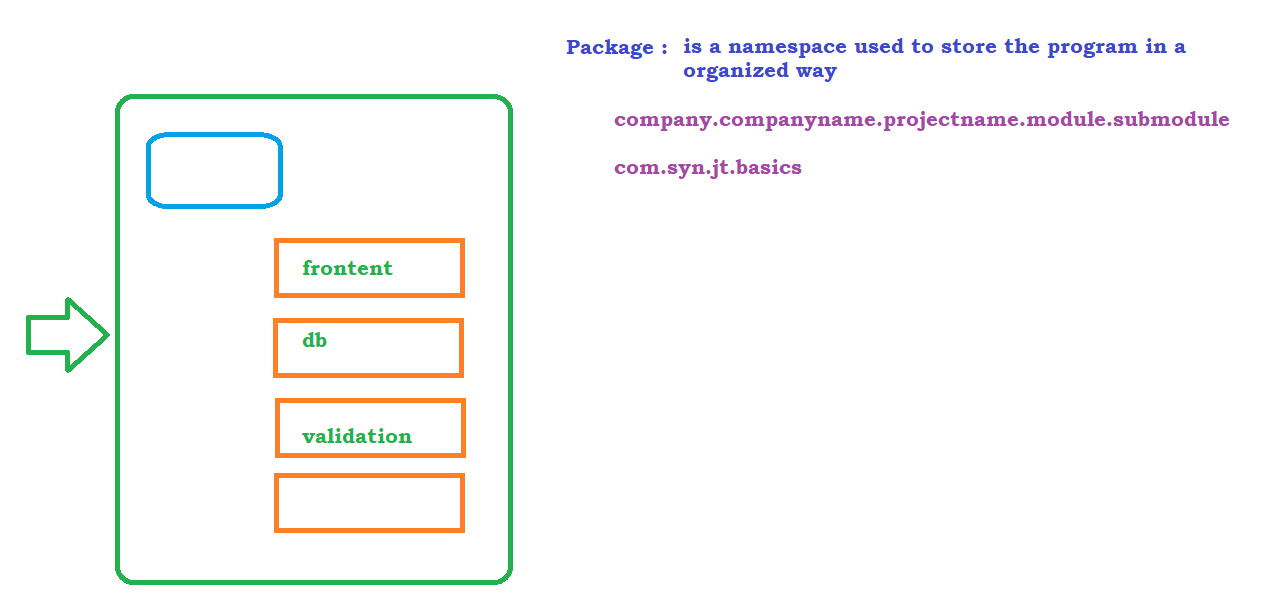
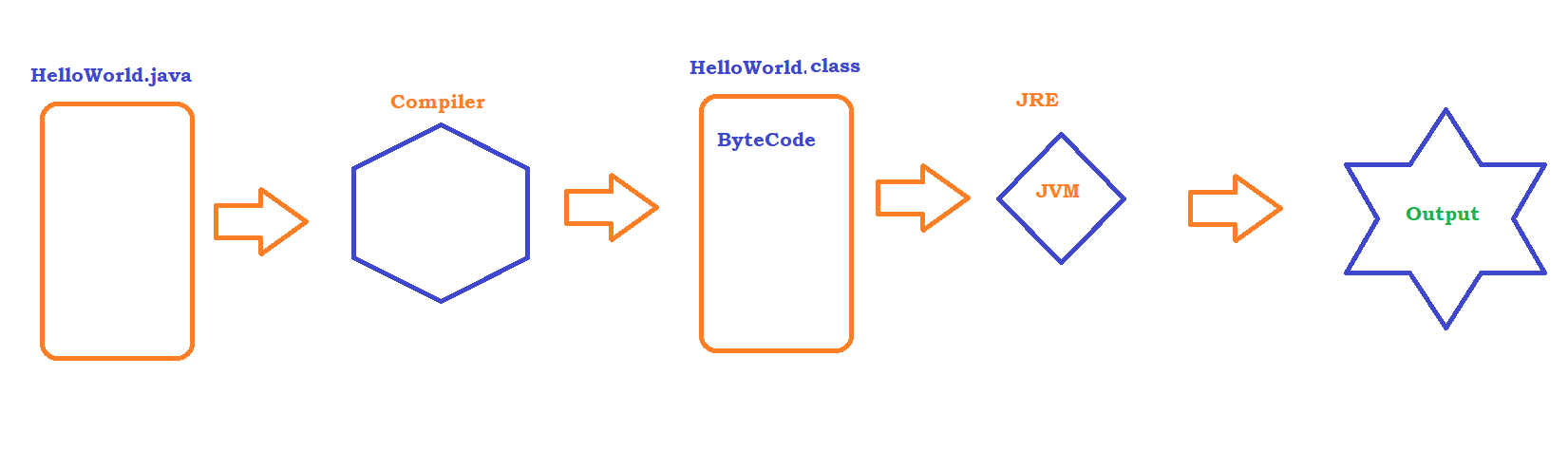
Java Selenium

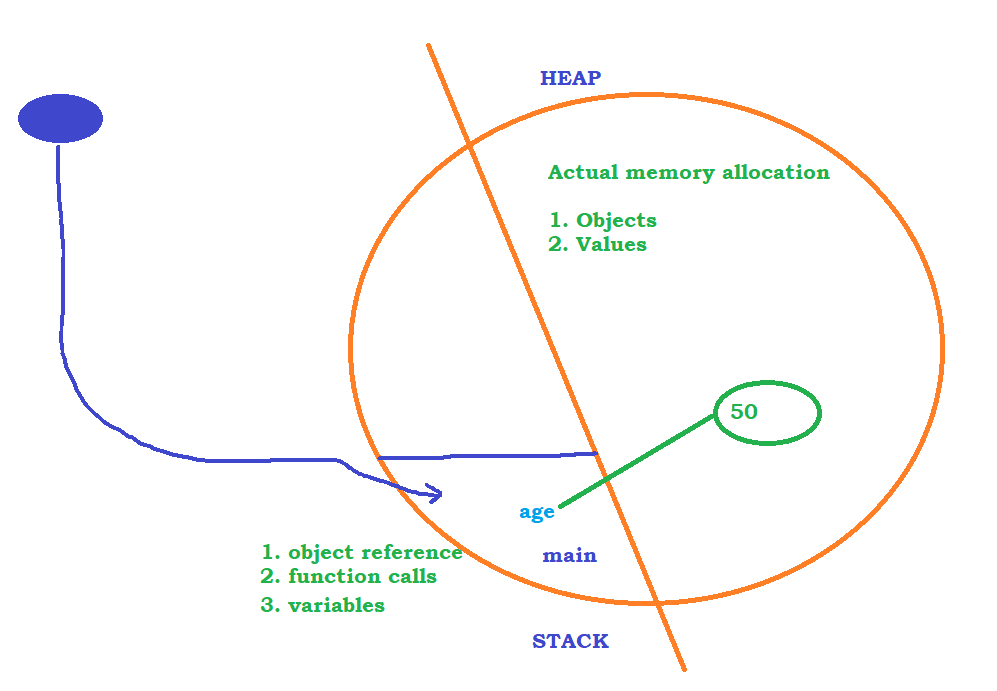


## HelloWorld JAVA Program

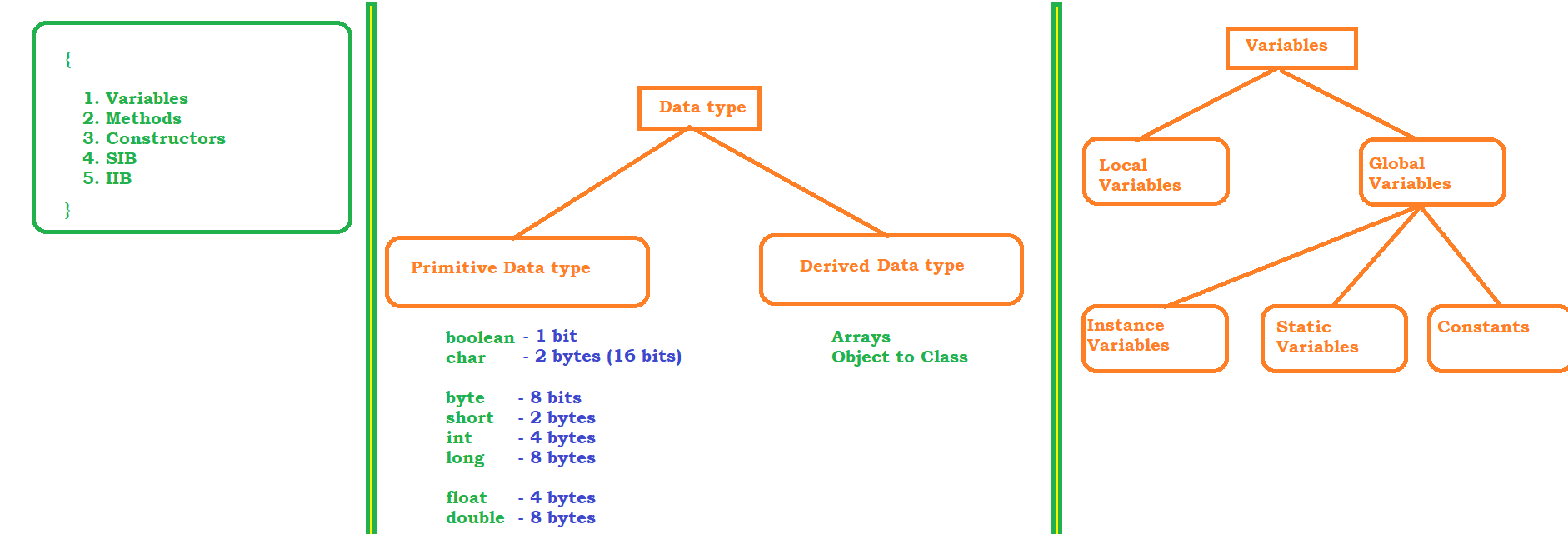


Compilation and Execution

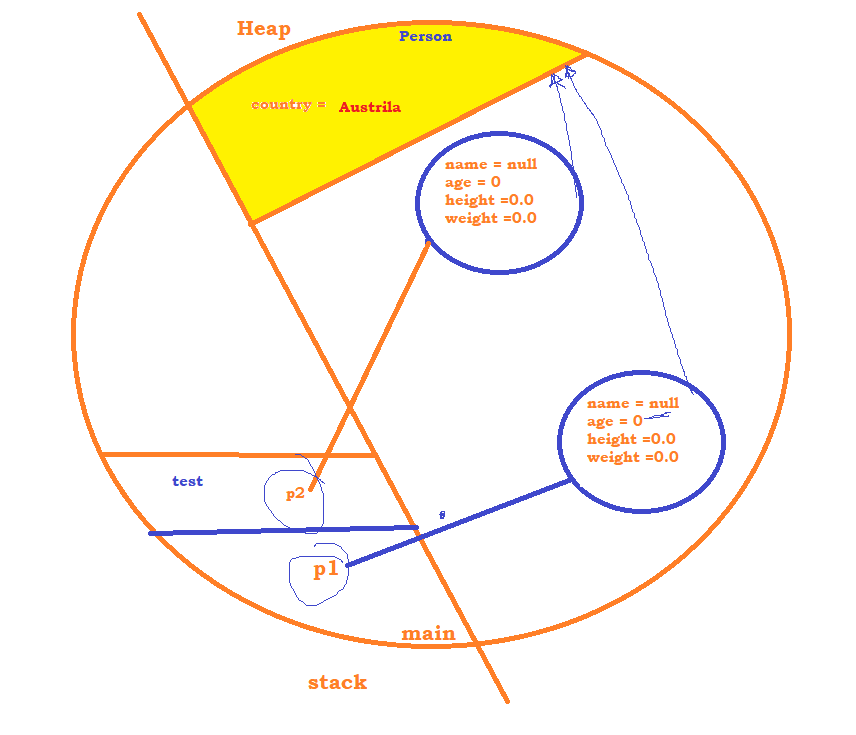




Data types and Variables

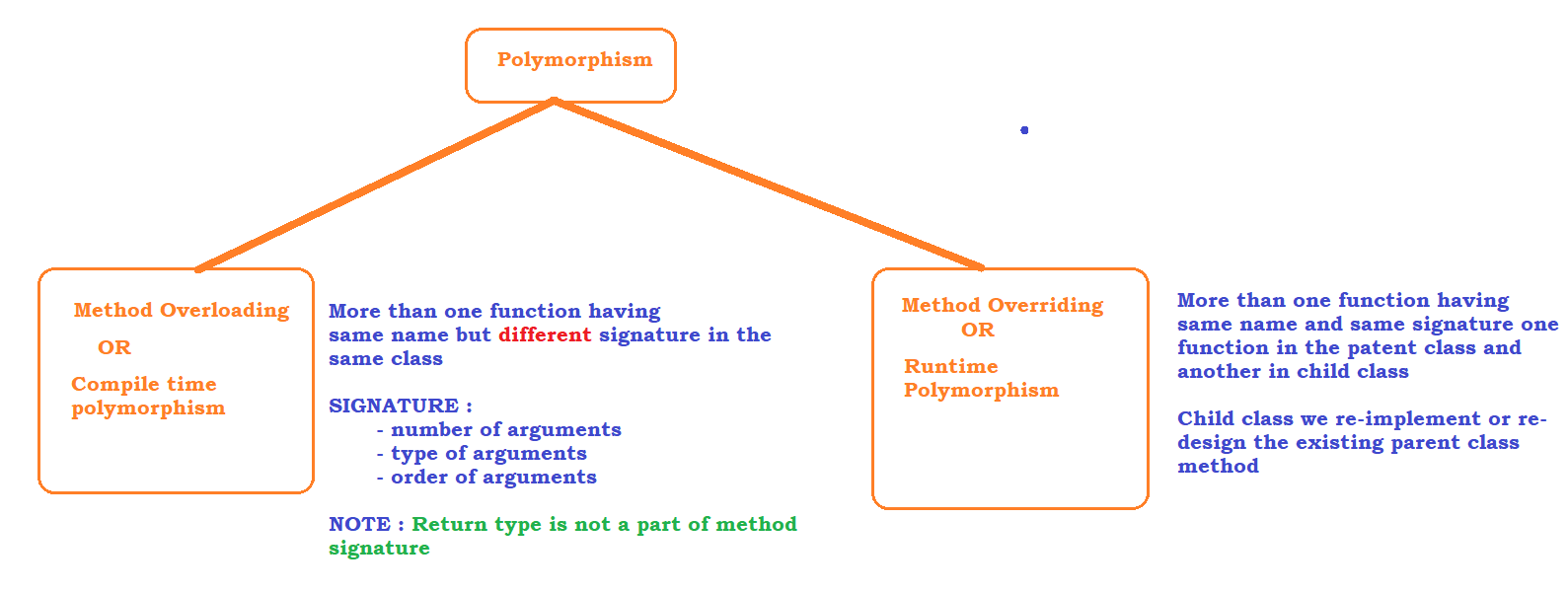


static demo

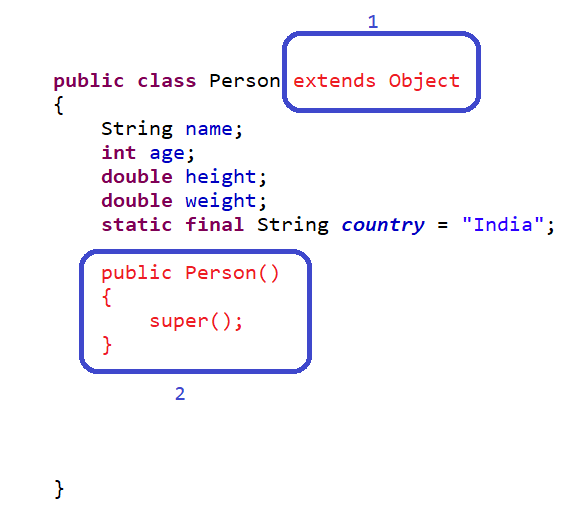


Methods or Functions

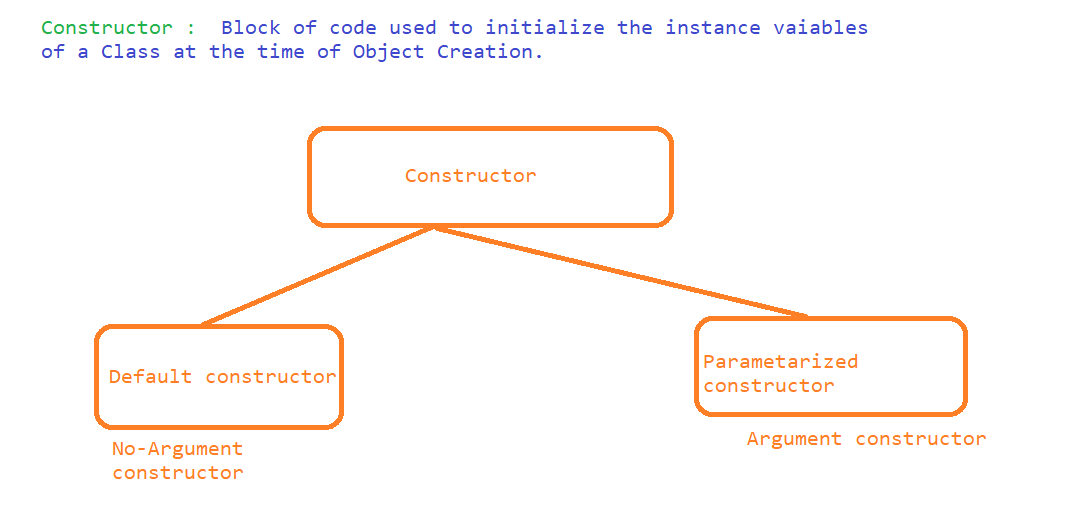
methods are reusable entities, we can write once and execute many times



Object class



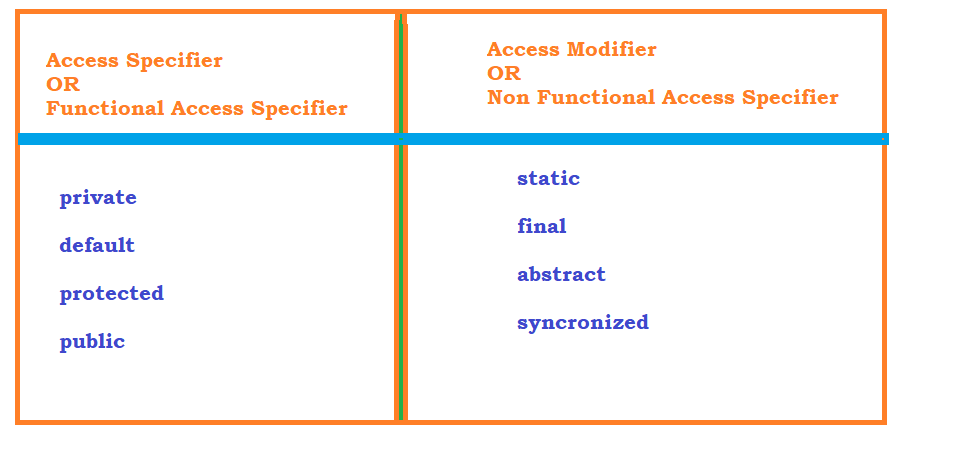
Constructors

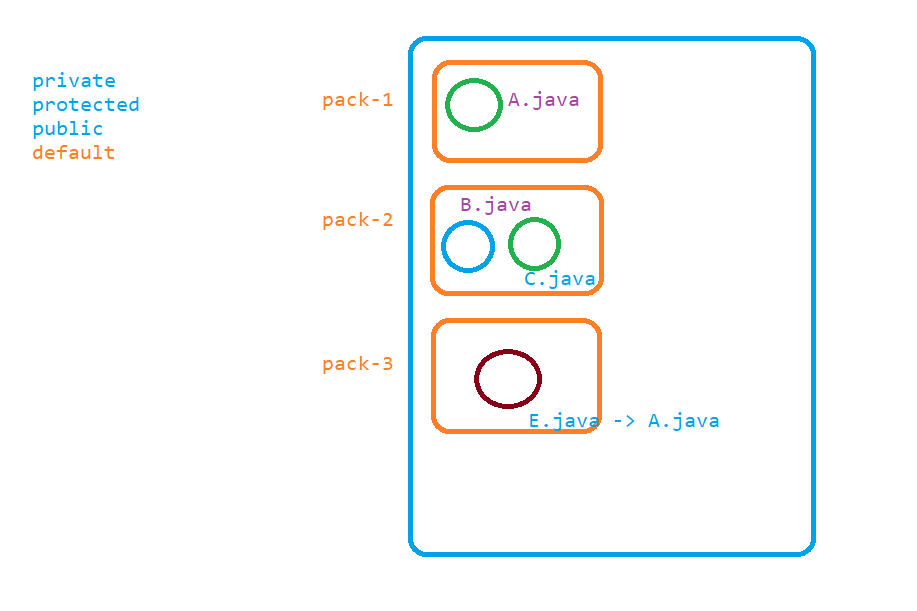


Initialization Blocks

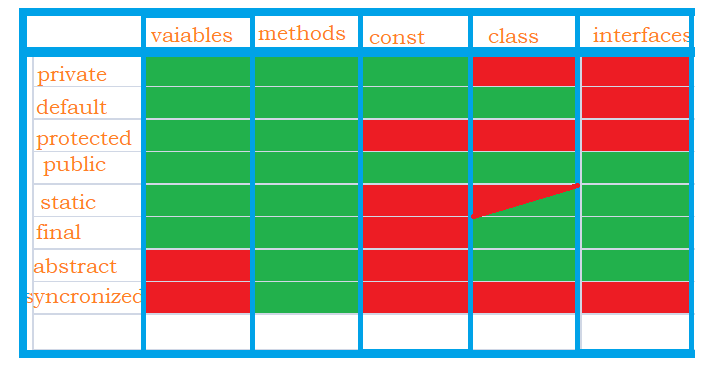
* SIB
* IIB

Access Specifiers and Modifiers





Summary of Access Specifiers and modifiers



Day-1

data types

primitive datatypes

derived datatypes

variables

Local V

Global V

Instance V

Static V

Const

methods

Overloading

Overriding

Constructors

Access specifiers

Access modifiers

Scanner class

Abstract class

Interfaces

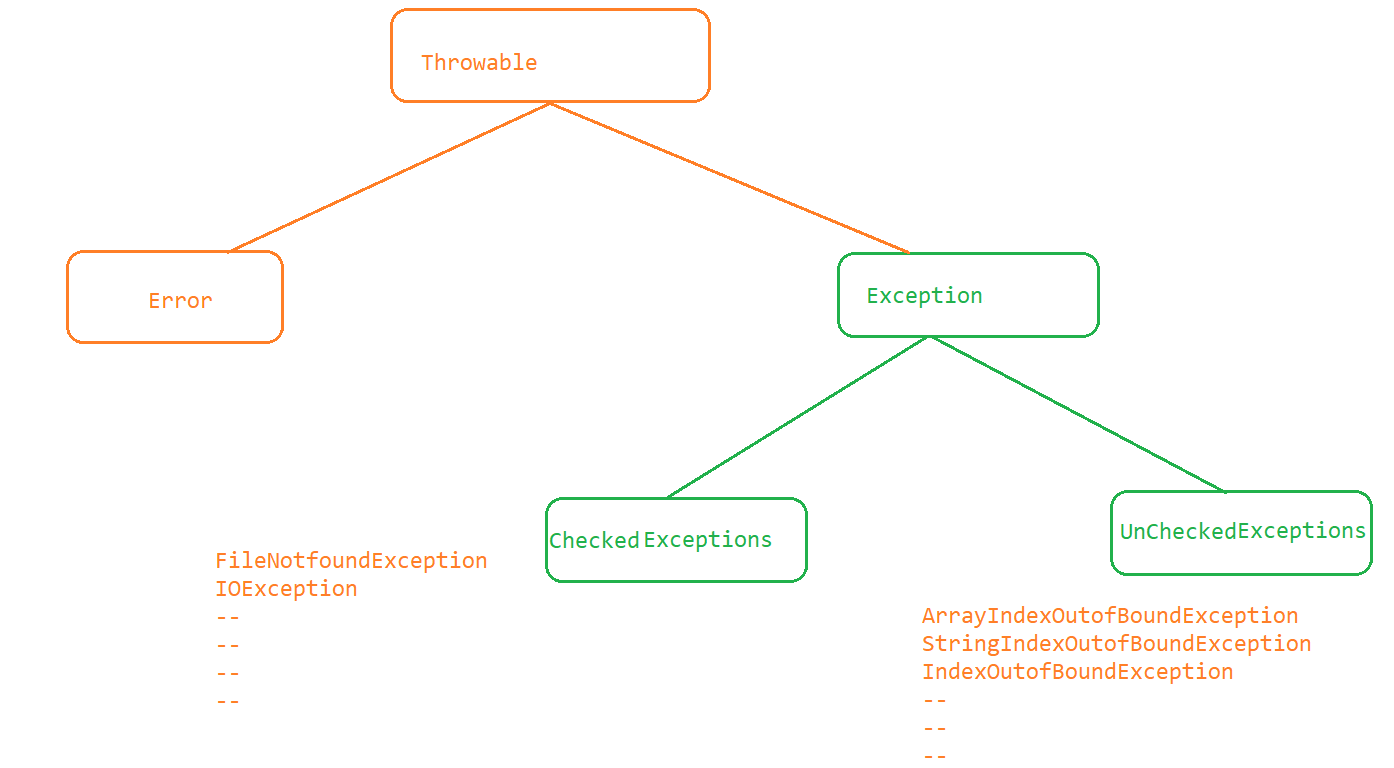
this and super kw

String

* java.lang
* Strings are Immutable in nature
* string functions
* StringBuffer
* StringBuilder

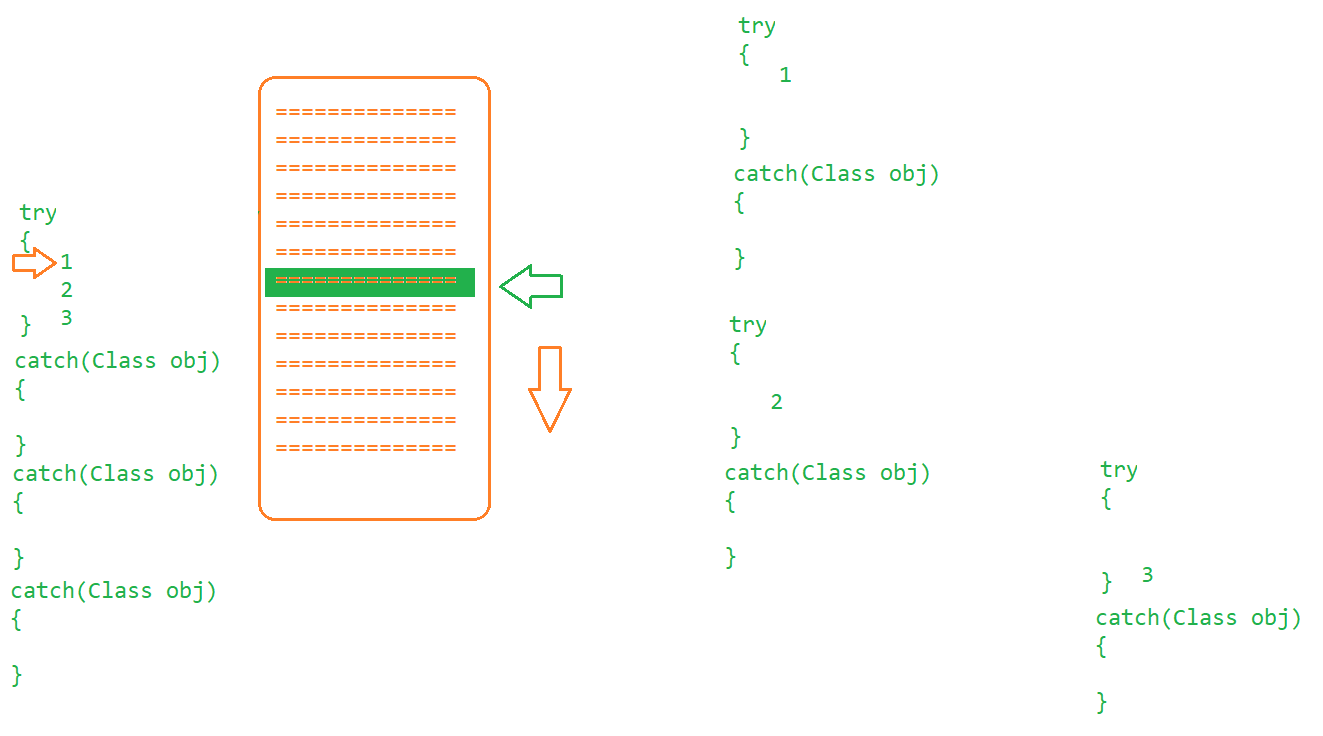
Looping and Conditional Statements

Exceptions



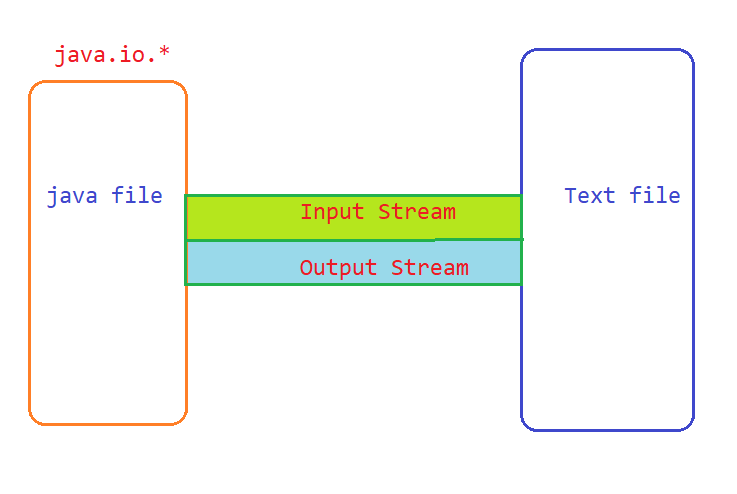
# Exception Handling



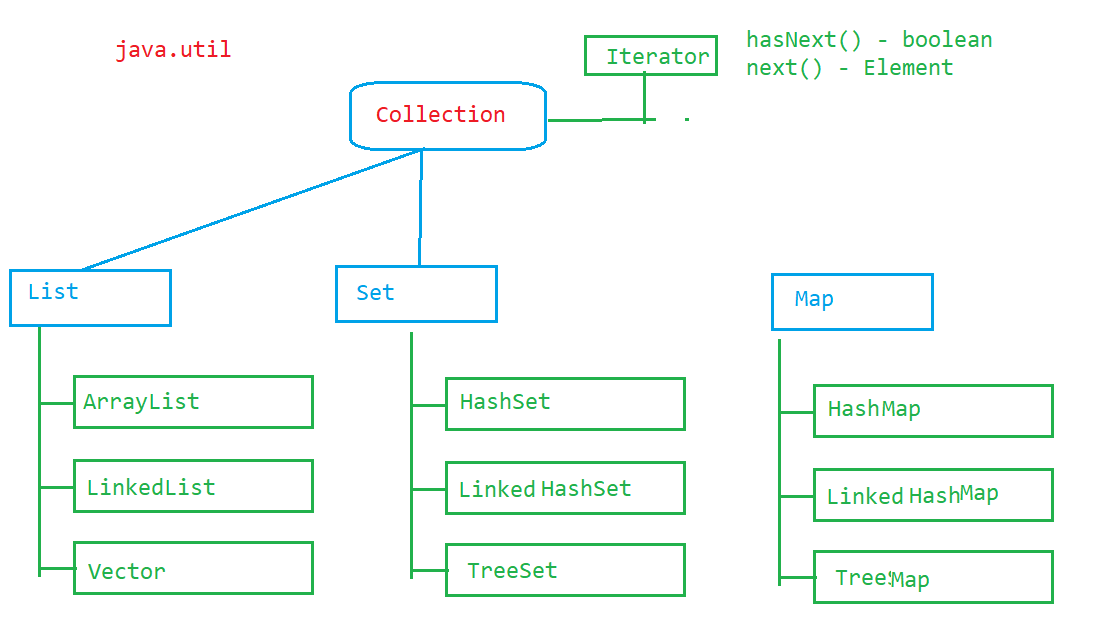


# What is the difference between final, finally,finalize

File Handling



Collections



Day-2

Strings

Exception Handling

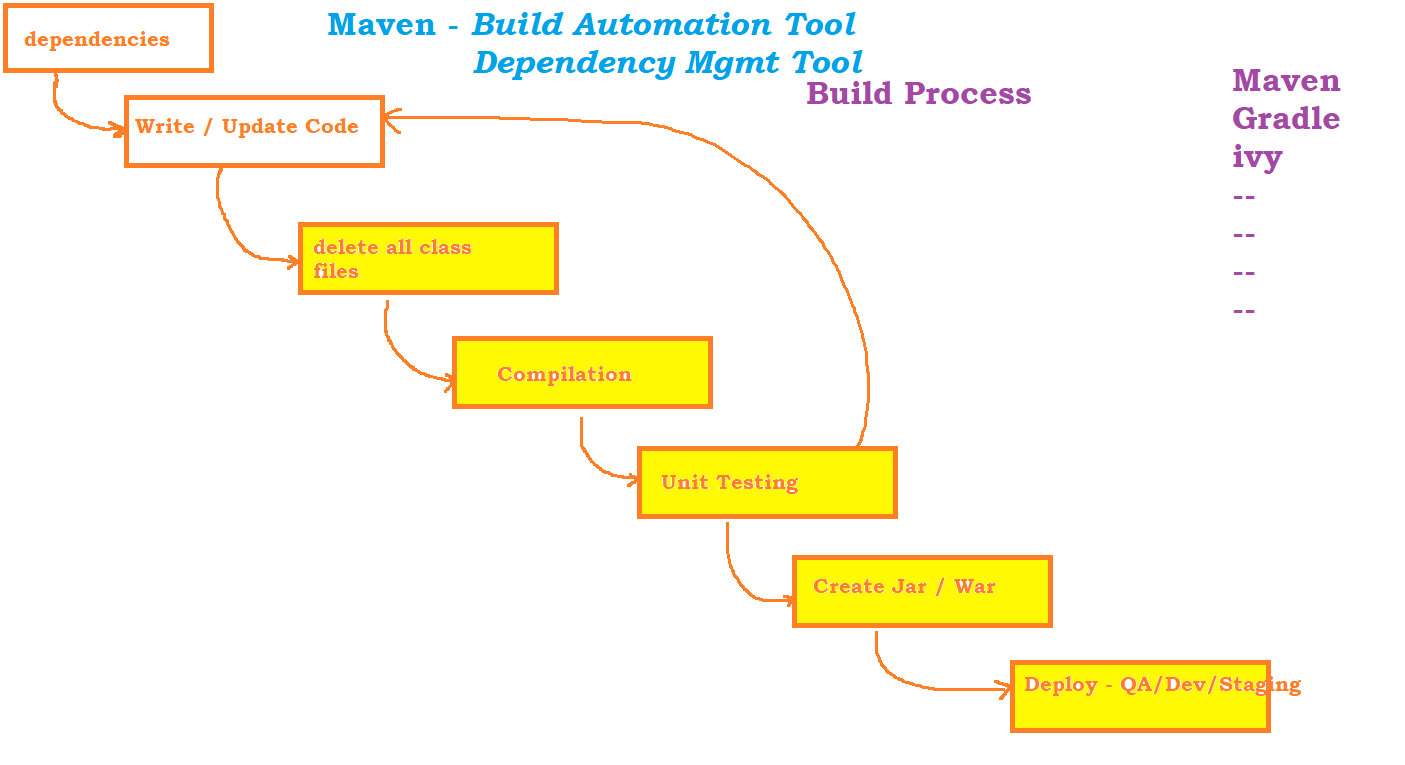
Looping and Conditional statements

File Handling

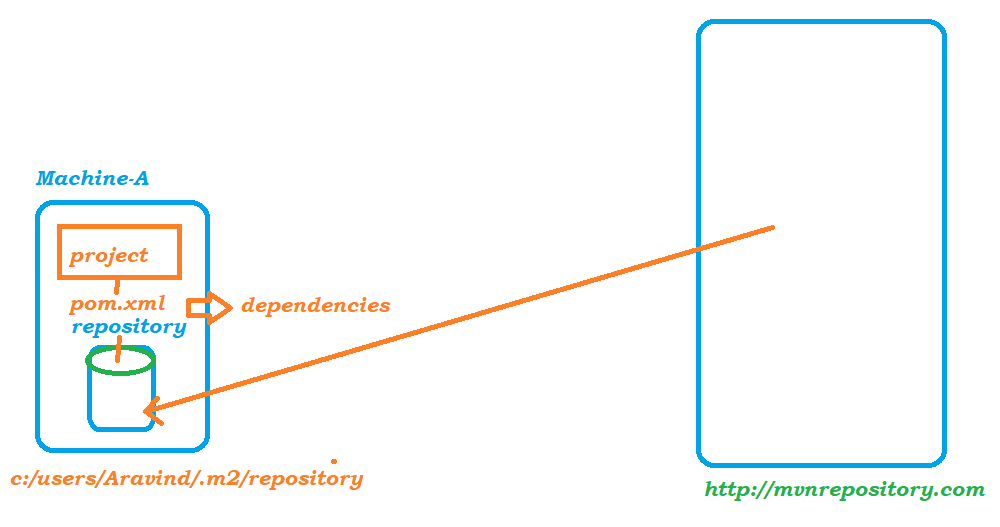
Collections

Generics

Maven

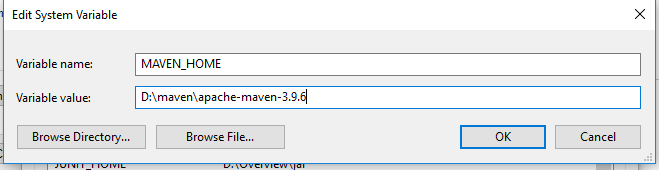


How maven work

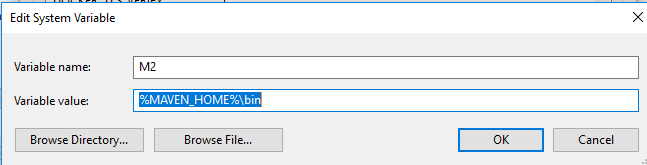


# Installation and Setup of Maven

* Download the zip file from <https://maven.apache.org/download.cgi>
* extract the file
* **set the Environment Variables**
  + MAVEN\_HOME



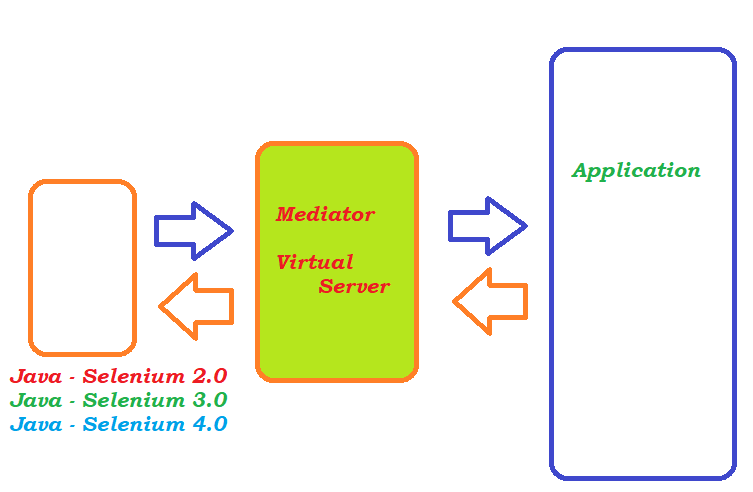
* + M2



**Update PATH**

New -> %M2%

Selenium



# Features of Selenium :

1. Open source and freely Available Software

2. Supports multiple programming language

java, ruby, python, javascript, cSharp, kotlin

3. Almost all popular browsers

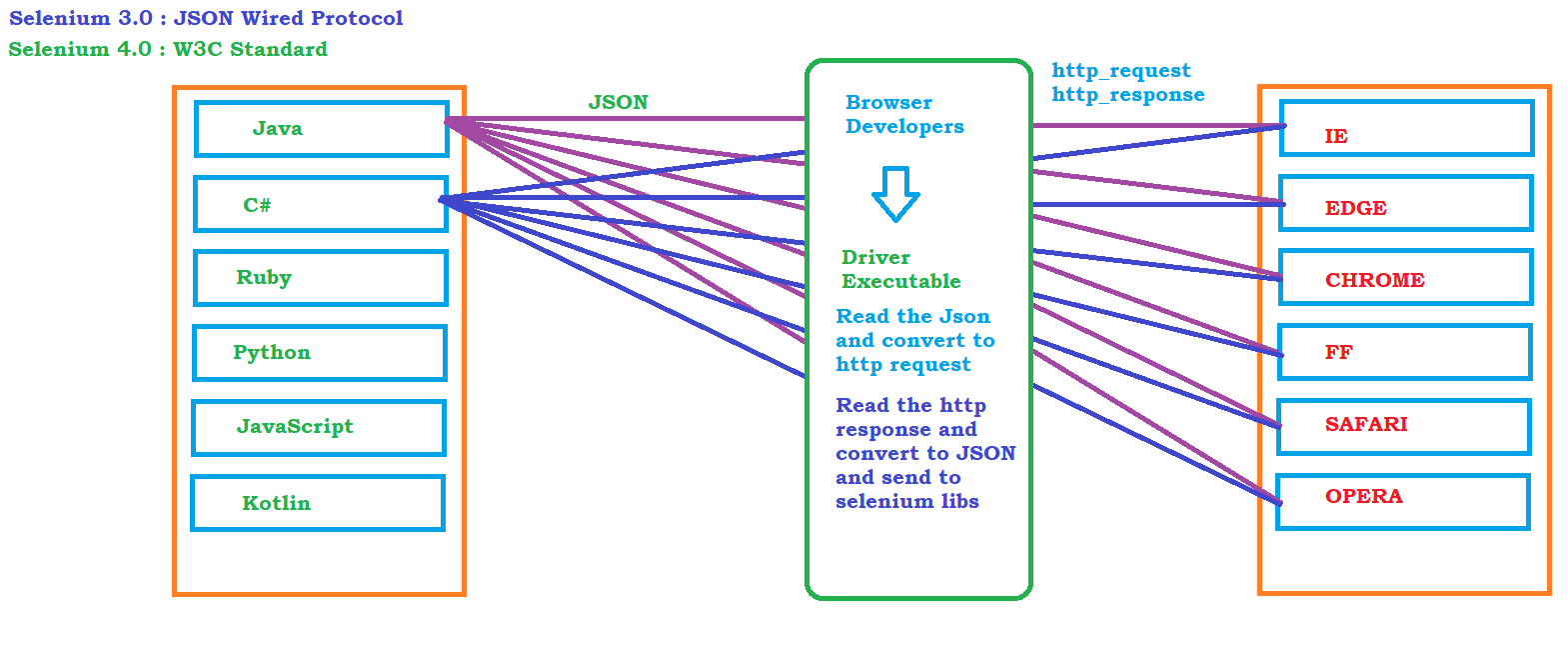
edge, Chrome, FF, IE, safari, Opera

4. No need to have a dedicated machine to run the tests

5. Parallel Execution of Tests

6. GRID - Distributed Execution

Architecture of Selenium



Driver Architecture

