Page No. Date: / /
Intro to JAVA :=
Termer Level St. 39 Day
California - Front at Japen CH TIC
Java File Compiler Class File Interpreter Machine
(.Java) (entire dile) (.Class) (line by line) Code {Human Readable} {Byte Code} {O and 1.
Source code
This will not directly tun on a System
> need JVM to Sun this.  > The Reason why Java
is playorm independent.
in other languages there is no byte rode step.
Muman treadable code is directly convented into
BYTE CODE (an nun on all openating Systems.
JDK = JRE + Dev. Tools
JRE = JVM + Lib. Classes
JVM
TIT I

github.com/YashDhasmana

JDK → Java Development kit

JRE → Java Runtime Environment

JVM → Java

JIT → Just in time Compiler

# Compile Time

9 km)

是一个一个

· Java file

Javac [ Compilation ]

· Class File

This is what hoppens when . Java lile is convented

to byte (ode ( class File)

Page No. Date: / / # Runtime Class Loader Byte Code Verifier This is what happens when - byterode is Convented into Machine Code. Interpreter Hardware

github.com/YashDhasmana

# Java Development kit (JDK): Provides an environment to develop and hun Java programs by 9t is a Package that Contains. → Development Tools → JRE > Javac - Compiler → Jan - anchiver > Javadoc - docs generator > intexpretex loadex # Java Runtime Envisonment (JRE): 9t is an installation package that provides envisionment to only non the program. 4 9t Contains > Deployment tech > usen interpace toolkits > Integration Libraries > Base Libraries → JVM

github.com/YashDhasman

# Structure of Java Program: public class Main { Public Static Void main ( String [] angs) { System. out println ("Hello World"); File extension -> . Java Everything written will be in classes Every file that ends with . Java is a class itself. · if you are making a class, make the direct letter Capital Inside this we cheate a fact Public Class Moin & means that this can be accessed from anywhere. > To our this using Terminal L> cd to the Dinectory Ly Javac dilename. Java to meate Byte rode 1> Java dilename. Java to Run and get output.

	Date: / /
	public class Moin &  public static void main (string [] angs) &  1. 1
	A STATE OF THE STA
	So that it is Return type of the available from function.
	we want to non main
4	dunction without Greating object of Class Main:
	E THE STATE OF THE
	(String [] angs) -> Array: Collection of String  (command line arguments.
	ment some offer policy and the state of the
<b>→</b>	Changing location of Byte code:
<b>→</b>	Javac -d
	The second of th
	Javac -d  Println → new line Print:  Print → Same line Print:
	Javac -d  Println → new line Print:  Print → Same line Print:
	Javac -d  Println → new line Print:  Print → Same line Print: