	ATT	
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Date		

(3)	Poi	ATS	BL	E
-				_

(7)	HIGH PERFORMANCE
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(8) MULTI-THREADED

DYNAM IC (9)

(10) INTERPRETED go line by line. Means

Class

> ORGNISM OF CLASS AREA. H Native Class Info Stack Stack Constant Pad Ø Method Area "Native !

Internet \*, Clark

System \*. Class

PCIP SP regir ter Localog Execution Engine.

Native

Interface,

4

INSTALL JAVA (1) Install JDK JRE Combo Setup. Java has compressed its is b.c. in a some files. 5 Compressed using jar' spile name 5 D: \nt> 3 jar 2/ ort jar - storum time 6 L, extract -Java is open-source prog. lang. Today 5 types of Apps are made Java S. S. M. A. C. I.

( social Mo Araby cloud Internal
bue - red cloud Internal

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Finding source code jdk -> Drc. zip -> copgit lo other drive -> I java > tay

-> contains
-> contains
-> code

Storig Janadoc > creates usb based doc. comed class files (creates file named) 9/orc/soc/jaw/>javadoc string-java is For String Only D:\ Drc\Dxc\java\lang>jalada \*.jara -> For all files with .java? PATH SETTENG (1) Temporary >path >path of windows just show name tool > it will show all surposes > set path=e:1/2; D:\.- -2) PERMANENT 21- Copy Location of bin: Computer prop Charge rather variable For Variable Adv. corpsos

		Troping (
	Notepael.	(1) 7.701
	class Demo	
plok	public static void moun(Storing SI)  System-out point when	1) variable
	(Storing	5)
	Variable le argumen	ength 1
No. L		
	Syntex from the C-language?  Agood example of TNHERITEMES.	te ?
V	(i) Source code a Java prod must be stored in a file. a extension 'java'.	having ?
CR'.	* Always Roep the name of jan Dame as your class name?	
<b>@</b>	Some or "; Demo, Java", OR his	e *All
	te comple	files option.
		O. Fjange
	and the second of the second o	STEELS THE DESIGNATION OF THE SECOND

Now, byte code has been generated. Now, to sun D120 & semo java Zemo C:/> > jana 1 Tristance of JVM is created · This Instance remains in RAM as long as Java code so runs 4 gots remord when last completed 13/06/17 more than simultaneously Ig: Can your run &1 Jumon one system Ans -> Yes As you can one Or more java program wring diffrent command Perompt. So All the instance are of same Jum. Also we can extemporarily set path for JVM . And two JVM are grunning at same time At a time only & one class can be executed into the 1 instance of JVM owhich is having the main method.



6

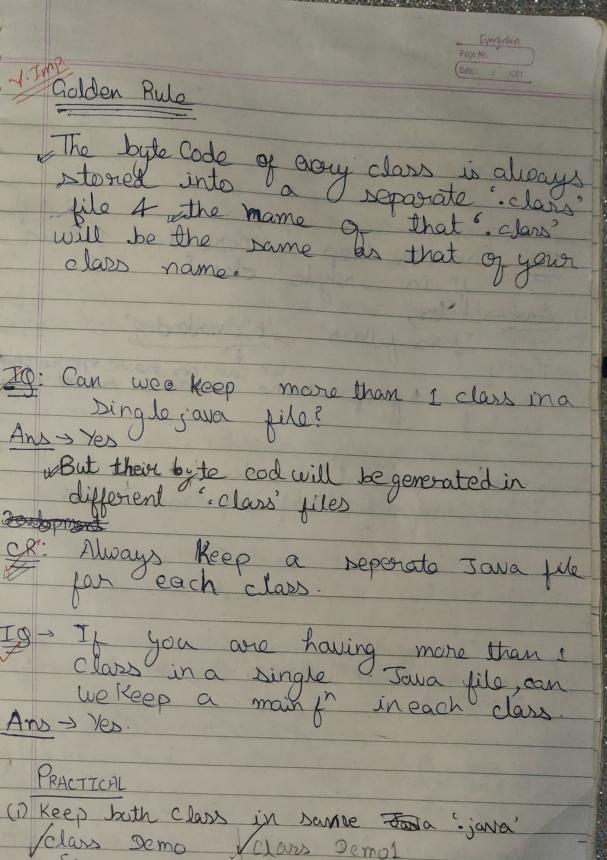
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· Just as we open multiple 'Windows' Similarly are In muttiple Instair. Toso of U same JVM. Note: 6 (i) A grantime instance of the JVM has ar clear mission in life. to sun one Java application. (ii) When a Java app. starts, a nuntino instance is bosin. When the app. completes, the instance dies. If you start & Java apps at the same time on same computer, you will get 3 Jkm instances. (III) Fach Java app sound inside itsown (iv) A JYM instance starts running its main() method. Invoking the



Class in a single Java file, can we keep a main of in each class. PRACTICAL (i) Keep both class in same Fora '-java'

/class Demo / class Demo! System out print In ("Hello Jano

Golden Rule

in having 2 class in which \* A Pancia derid have main. class having I clars that too without main Ig Can we keep more than I main'

Ans > Yes, java jallous (Froverloading?) same name in same classic public static man void (String ... S) System-Out. pountly ("Hellow sava"); [7 (1) Buth in die dell

If you are to make any class of Java class of Java that class must be having a promed main. (ii) Not every class is requiring a main for. Ice -> Can we call the main method explicitly

Ans -> Yes

Fig -> class Demo user Public state Lid main (Storing. S) System-out. println ("Hello from Demo"); Class Demola. System out printlin ("Hellow from Demo!");

From Demo! Steine ZCJ={ velont main called to by un the main called to by un this is known as texplored cally largurents as he like since we will be writted to be a summer or the second to be a summer To > what if "public static main raidran"

is written as "static public void main! House Both are same i.e. have no different force. How can do a practical in which in some class wrake two main on by