

il Java is platform independent.

It is an platform independent means that byte code can run on all operating Systems.

· In jara we get byte code, Jum converts this to machine code.

but impother like c/Ctt we get exe fill which is

Platform dependent.

· DUF JUM is Platform dependent.

Archiecture of Java

JOK = JRE + Development Tools

Clava Development Kit)

JRE = JVM + Library Class

U Java Runtime Environment

Java Virtual Machine

(JVM)

[just - in - time]

1.	JOK (Java Development Kit)	
>	It provides environment to develop and run the Java	
	Program.	
Of S	A STATE OF THE STA	
-	It is a package that in cludes!	
C)	development tools -> to provide an environment to develop	
No. of the	your program.	
(11)	JRE - to execute your Program	
(111)	a Compiler -> javac Converts . java file to chile \$ (5yte cose)	
(iv)	archiver -> jar	
(M)	docs generator -> javadoc	
(vi)	interpreter l loader 😁	
2.	JRE (Java Runtime Environment)	
->	This or including services that mailes arising at	
	It is an installation package that provides environment to my on the amoram	
	to only so run the program.	
	It congress of:	
Ci.	Deployment technologies	
[11]		
("		
(40		
[1		
	After we get the . class fire(sytecose), nex things happen	
	at run time -	
	(1) Chass loder loads an chasses need to execute the program (2) Jum sends byte lode to byte Gode verifier to check the format of Gode.	
- (2	121 Jum sends byte race to Byte Code verifier to check	
	the format of occ.	

NO.

	Date
	Page No.
JUM Execution.	
In terprefer:	
Line by the execution	
when one method is called many time	res it will interpret again all and
	Jen gentana again
11 657	
4) 927	
- Those mothers that are as	
- Those methods that are repeated	d, 1711 provides direct machine
201 16 MICHAMION 12 1	not required.
- makes execution faster Garbage	
- Growlage Collector.	
	0
Compile Time	. Puntine.
1 1	Class Loader
java file	11.
Javac	Byte code verifier
Java C (Compilation)	
V Confine	Interpreter
. Class file	Runtime
	V
	Hardware

