Video. Important Components of Java.

3 main things are in Java.	
A Bi	ggest
). JOK - Java Down thirt 5	
2) JRE - Java Runtine Environment (Size are his ranchy of this is in
	Alphaletical order.
John Vintual Machine	JEW, JRE, JYM7
JOK	t. C Jun /
TRE	(P, R, V)
$\left(\mathcal{J}_{Vm} \right)$	
Now	
) who	le thing can be explained.
1) lets say y	Flan be explained.
2) You go to the terminal and say	[hello.jave]
terminal and sa	i
3). Then you execute	Javac hello java
	Lets Explain this.
	, one

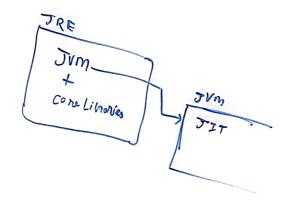
To TUM a java program You need JDK (100%) Why? JDU has Javac (Responsible for comiting and conventing java (ode to by te Code) hello.java — hello (Byte (ode) This byte Code is taken by Jum to conunt into machine code. Byte Gode > machine code. AS JOK Contains Javac Similarly JVM contains JIT Just InTime Compiler

50 · java file Favac Sytecode JIT machine code Tom to know by Openating System. What is the role of TRE thang TOK+ core libering.

What is this? WILL TRE > Java Runtine Env

So in Java, then are lot of libraries like Math.max(), math. pow() etc.

You can think il it as tooks required to sun the program. JOK= prac +



My you compare Java program to making a 11339.

JDK -> whole Kitchen. javac -> (Knives & tools to cut the Pizza)

JRE -> JVM + LIbraries (Ingridients + Over). Libraries -> Ingridients like dough, spices etc. JVM-> OVEN

This is the reason. JAVA is ralled platform Independent.

Comple Java rode -> byte Cole [Sive it to any platform Windows, Linux, Mac].

WORA > Write Once Run Brywhere.

** Jum is not platform in de pendent. It is platform Dependent.

windows of windows JVM. Since each Openating system has a different architecture, lesset & assembly instructions.

MAC of macJVM

Linvx JVM

Linvx Lin Machine code,

Video 9. Java Memory Management. & Garbage Collection.

