

0.1	what is the diff	forence between JDK, J	RE, JVM?
And:	JOK	JRE Should	JVM stands for Java Vintual Marking. JVM is a space
	(Jova Development Kit) 2) Byte wde runs on	other files and libraries that we can use in our code. 2 JRE validates the	the code
	a marhine so we have to convert the java wide into lyte code.	lyte code and loads a class.	platform independent. You have to compile — through JDK and
C	3) On installing the	3) 9f we use extera libraries, and also you need an environment	3 JVM is platform & dependent and - it needs to - lailt for particular -
		is present above the DS known as JRE.	OS. JVM IS -

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The second second	
Q.2	What is JIT compiler?
assistant B. I	what is serious the sun o
Ans.	JIT is a part of JVM that aptimizes the performant
notification.	of the application. JIT stands for Java-In-Time Ar
Notification .	of the application. JIT stands for stands for the JVI (orgiler. The JIT is an integral part of the JVI)
Marine De Marine	It anchords execution perfections it is a long- moning
3 m (15 9) (50 m)	
Marian de maria	computer-intensive program that provides the best performance of the Tour
Marine	application at compile as sun time
Marian	Short was not see that
40.3	What is along lander for a no energy show study
10.0 mg 10/	What is class loader ? To the sound show that
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strange in	
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MANT MARG	systems because of classboaders.
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	system Classbader
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	is mue and run and	
Statement O.	5 What gives Java its " write once and run anywhere	B:
California .	On adult	
The state of the s	Tava language its " write once and nun anywhere" notice. Tava language its " write once and nun anywhere" notice. Tava programs one first consults.	
Ans	- Java language its write one are are first consultation from its bytecode. Towa programs one first consultation from its bytecode. Towa programs one first consultations on intermediate the consultations of the consulta	An
in the state of th	forum its bytecode. Towa programme ode), an intermediation of class file (also unown as bytewode), an intermediation of code. The	
. 1970	into class file Calso unoun as byte one code. The larguage before being converted into machine code. The JAVA code can be written on any device or machine.	
	JAVA code can be written on any service the same to	0
earcup.	or platform and class file will remain the same than	-
EN PERSONAL PROPERTY OF THE PERSONAL PROPERTY	This JAVA interomediate code con be sun on any platform be it Windows Linux provided the system has	A
-	TRE and JVM installed to run the byte code	
	JRE and JUMI installed to 10	
*	avinoitétrag (or static) partitioning	-
0.6	Explain History of Java? who invented clas?	-
Ans.	Jova was conceived by James Gosling Patrice Naughton, Chris Worth, Ed Frank, and Mine Sheridan at Sun	
6000	Chris Worth, Ed Frank, and Mine Sheridan at Sun	
200 mu	Microsystems, Inc. in 1991. It took 18 months to develop the figst working version. This language was mittally called "Dan" but was haramed "Java" in 1995.	
July July	the first working version. This language was nitially	
, orno	called " Dan" Int was transmed " Java" in 1995.	
and a	MILLER BOT STREET COLLEGES STREET	
aritab 18	Bjaine Stribustrup is a Danish computer scientist most	
	notwee for the invintion and	
	TITELY IN THE PROPERTY OF THE	
	Clarguage, was Clarguages with classes.	
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8	What was the original name of Java? why it was
-	and the way
Ans	renamed in 1995. Dax was record a " Dax" but was
_	The Jova language was initially called "Oak" but was renamed in 1995. Oak was renamed as "Java" because it was abready a treadernance by Oak Technologies.
0.8	
And:	Below are some important feautures of Jova:
	troll of train
	Simple: Java is a simple programming language and easy to understand. Java contains the same syntax as in C, C++, So the programmers who are switching to Java will not face any problem in terms of Syntax. Sevendly the concept of pointers have been completely removed from Java which leads to confusion for a programmer and pointers are also vulnerable to security.
_	((the second . Java contains the same syntax as
	will not face any problem is the are switching to Towa
	the concept of pointers have like conclude. Secondly
	from Java which leads to confusion for a proportion
	and pointers are also vulnerable to security.
	WHITE DETERMINE
	Objected - Oriented: Java is an Object Oriented Programming
	Language which means in Java everything
15	walter in terms of works and ogus.
	DO How The I have been been all all all all and a service
	Platform Independent Dungab pl Darro as allo
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•	Interpreted long of hour or to a Odmier his config
• 100	Multithreaded
11 -	M. Oli V. and I all

Ans. Prindive datatypes Non-Numeric dotatypes Non-Numeric dotatypes Non-Numeric dotatypes Char Integral datatypes Floating point datatypes Short Short Jong Co. 10 What is the difference between System out print In System out print In System ever point
Ans. Primitive datatypes Non-Numeric datatypes Non-Numeric datatypes Charactering point datatypes > hower System out print none System out
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mallorens must be specificated by the significant in the stranger.
A STATE OF THE SHOOK AND VALUE OF THE STATE
And Suttern out water I be the
Ans. System out refers to the standard output stream
System or rufers to the standard error stream which also is console by default.
acso is console by default. townsolm making
System.out and System. err are objects of type Printstream
all objects of type Printstream
System. out. print() -> It is used to
that is assed to it
System. out. print() -> It is used to print an argument that is passed to it.

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		I had ? How is it different from many	
and the same	(3.12	What is bytrade? How is it different from media	
A Callin aller		1000	6-14
Activities of 1	Au.	timized set of instructions du	1
	Ans.	Bytecode is a highly appropriate to be executed by Java Run time system which is at	Ans
Article State		to be executed by Java (TVM). In everce 1	
Anticipie and A		called Jowa Vintual Mochine Comme Conginal JVM was designed as an interpreter for lighter original JVM was designed as an interpreter for lighter	
de Calific Miles		original JVM was alsogran	
Autoliticated Art		This may comes as a bit of surprise since many	
Market and and	-ti	This may comes as a very designed to be compiled into	
A Carific Land Comment	1	mount sanguages are using the fact that a Java prese	
Callin Line		is executed by the JVM helps solve the major proton-	
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Military and the state of the s		associated with wer - value fra get	
This wife			
B.	13	What is difference between Jor file & Rumable jor fle	0
Siketin-		in its approve removed sur The a rest to far the	
Ans	. A	JAR (Java Archive) is a gacuage file format typically	
A. Land		used to aggregate many Java class files and associated	-
230	10 50	stadata and many source of the same of and anothers	
Labor	Ja	retadata and resources (text, images, etc.) into one file distribute application software or libraries on the	
strilam	To	re platform.	
J. Alm	30	of partiary and the second sec	-
	14/	the stradard Top Cil	-
	.0-	In the Standard JAR file you have to specify the	
V~	· CO	the the standard JAR file you have to specify the us with the main method on the command line who ring the job.	_
~	hun	ring the job.	
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	Wit	to a humable JAR, there is a moril to like wat	
	wil	ha hunable JAR, there is a manifest file that I hold that information so you can just type owa ~ jar myRunable ian or circle	
	1	ova ~ jor mukumlle	-
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8.1	kurnable for file and exp file
And	An exe file is an executable file that ear be executed in Microsoft Os environment. Jan file is container of Java Class files, including other resources related to the project.
	Jar file can be executed only if Java hun time environment.
	The JAR file format enables you to bundle multiple files into Single archive file.
05-15	How is C platform dependent languages?
Ans.	is designed to produce platform-specific optimized vode. In a machine code is different for different processor architecture and thus could not hun notively on incompatible platforms unless you have an emulator to help you out.
	What is difference between path & classpath?
Ans.	PATH is an envisionment variable that is used to find and locate binary files like "joura" and "joura" and to locate needed executable from the command line.
	Classpath is an environment variable that is used by the application classloader or system to locate and load the compiled Java byte water stored in the class file.