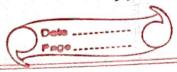
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	Page
	Assignment 2
O ₂	What is difference between JDK, JRE & JVM.
5/50	to designing the continues the state of the
all Chillie	JDK (Java Devolopment Kit)
	It is kit that provides the environment
	to develop and execute (sun) the Java program.
2 1 2 1	It includes two thing: Development Tools
	and JRE.
	Sand diversion de al l'institute destination
,	JRE (Java Runtime Environment)
243 F/	It is an installation package that provides
	an unvisionment to only run (not deploy)
	the java program onto your machine.
contain	E YHLOGORDO A ME PORONO AND MARKETED L
13	Jum (Java Virtual Machine)
	-Java program you run using IRE or
	JDK goes into JVM. It is responsible for
	Executing java program line by line also
L. Barre	Known as Inderpreter.
45	Sauchora mandantes mandantes
<u>Q</u>	what is JIT compiler?
100	company company stigning relations parts
	JIT (Just In Time) Compiler.
	component of the runtime
	envisoment that improves the performance
	of Java application by compiling
	bytecodes to native machine code at
with	run time:
	conversable of the self-contractions

	what is class Loader?
0	what is class tone
ni i	Index is a part of the
	The Java class Loader is a part of the
	To be a second s
100000	
(113131)	
	day not nelly
	file Systems Delices
	does inders. It is abstract awis.
	Commencial Strategist Ported St.
A	Explain various memory logical partitions
	ength restrains due of themanians in
	memory partitioning is the system by
	which the memory of a computer system
	is divided into discretions for use by
	the resident programs. There memory
	divisions are known as partitions.
0,	Whitet gives Java its "write once and
- 65	miles gives sava 173 write once and
	run anywhere nature!
	Tom Company Title 11 to 10
	Java compiler compiles a java program and
	converts it into dass file (-class) that
	bytecodes which is intermediate
	language between sourcode and machine
3	code. These bytecodes are not platform
	(DIO) the bolo of the
	of platform. The Jum is platform
-	Platorin

The second secon	The state of the s
	dependant i.e. its implementation differs from
	platform to platform but there all JVMs
	plattorm to plattorm ou which are
- 174	can execute the java bytecode which one
	same. So termed as write once and run
	any where!
	a River Java9
<u>O</u>	Explain History of Java? Who invented Java?
	Java was originally designed for interactive
	television, but it was too advanced technology
	for digital cable tolevision industry at the
	time. The history of Java Starts with
	the Gran Team.
	Java was developed by James Gosting,
	who is known as the Father of Java.
	He and his team members started the project
	in the early 90's. It is invented at
	Sun microsystems, and treeleased in 1995.
	3(1) 1110 80 245101.23 / 01103 Car
O ₃	what was original name of Java? why
	rit was renamed?
	the state of the s
	James Gosling initiated Java language
	with his small team of sun engineers
	called Giscon Teams. Firsty it was called
2 to 1 1	"Green talk" by James, and file extension was
	.gt, After that it was couled "Oak" and
	was developed as part of the Green
	project. Oak was renamed as "Java" because
	it was wready a trademark by oak Technologies.
Company of the Compan	The way to the second of the s

1.00	
	7000 8
O ₂	List features of Java?
- 6	
21	A list of most important features of Jana
	A list of the below.
Mr. Val	languages is given below.
	- Simple
	Marcat - Ariented
	- Portable 10 1000
	= 108+10610
	- Platform independent
Judge	- Secured
1.7	- Robust
	- Aschiterre Netural
	- Interpreted
-)	- Tusesbucker
	- High Performance
ŧ	- multithroaded
	- Distributed
-1-	7. SOMETHING
1 P 2 1 860	- Dynamic solonia solonia
	in the second of the second winds with the second
O	List various Datatype in Java.
	Datatype specify the different sizes and
	values that can be
	values that can be stored in the variable.
	Primitive Data Types:
A.	UBO ITAN
194	- char
LAN 11	-byte
	-byte -short
	-int
	Line a
110 - 1	
13	-float -double
	-double



II.	
	Non Primitive Datatype
·	Object of
	- Classes - Interfaces
0 0	- Interfaces
	- Array
3	what is difference between
	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -
	System.out. println()
- 1	man and the same of the same o
	System is a classis java lang package.
	out is a member of System class and
1	object of Print Stream.
	println() is method of Points bream which
	print whatever is passed to it on the
	standard output orcen. It print on nextline.
	Las and some of a some a second comment
1 1 1	System.out. print()
1	The state of the s
	It is same as above only difference is
	il mint on same line.
77-1	System. est err. println()
1 / 1	System , consider the state of
	the standard error.
	It is used to point the standard error.
1	System is dass in java lang package.
	err' is a member of system class
4	and object of Print Stream.

	Platform independent
S	How is Java Platform independent
	the sava commit
	The bytecode produced by the java compiler which can be run on variety of
	101)
	Suctem:
	Java produces bysecode simply requires
	the IVM. The operating system has no
	the IVM. The opening unite and execut
	impact on it. You can write and execute
	the code on any platform as long as
	java compiler is present.
	The state of the s
S	what is bytecode? How is it different from
<u></u>	mathine code?
	and the second of the second o
	A bytecode acts as an intermediate code
	present between a machine code and
	presum berwell a maunine word
	à source ende. It is platform independant.
	Virtual machine first executes the bytecode
	and only then the CPU can process it.
	may it to be not the second of
	Machine Code is set of various instructions
- 4	that a machine can read and understand
	directly. It is low-level code binary code
	contains or and I'm To
	dependent course is platform
	dependent. CPU can directly understand as
20 0 10 10 10 10 10 10 10 10 10 10 10 10	well as process this type of code. Don't
	need of virtual machine for execution.
Ta. 1	



0	What is difference between Jar file and
	Runhable jar file.
	Jurfile is a Java application which requires
	Jar Hie is a Java appliants.
	Runnable jour file can be directly executed
	by double dicking it.
	file.
<u>O</u>	What is difference between Runnable jar file
7 1	and Exe file.
	Runnable jour file can be directly Executed
	by double chicking it.
	Executable file is also be combination
	of compiled java classes unith Main dass.
©	How is C platform dependant languages.
	The Executable file that is generated at
	the end for the running the cprogram
	may depend on platform.
	C program as .c extension. and when
	ue compile object file generated obj o
	extension. When we run it generate
	executable file. Extension and type of executable
1 1	file depends on compiler. On Window . exe
	while on unix -out is generated.
1.7 - \$16.0	So executable file formed is dependent
	on the platform of clarguage.
	The state of the s

The second secon	and path & days
	What is difference between path & does path.
S	What is air
	between Path and
	The main difference between Path and
	that the
H. CO. C.	for Java tools in java program like
	for java tools in just are used to
in a series	1 CONC. CUNICIPALITY CONTRACTOR
	compile your code, whereas class path
	is used by System or Application class
	is used by system of the
	loader to locate and load compile
	Java byte codes stored in the class file.
	- Cava - Egypt
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	morning the speeds were borned within
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