What is the use of JAR file?

JAR stands for Java ARchive. It's a file format based on the popular ZIP file format and is used for aggregating many files into one. Although JAR can be used as a general archiving tool, the primary motivation for its development was so that Java applets and their requisite

Define bound property of a bean.

A bound property notifies listeners when its value changes. This has two implications:

- The bean class addroperty. Changel istener() and remove Property. Changel istener() methods in managing the bean't isteners.
 What a bound property is changed, the bean sends a Property Changel-vent to its registered itsteners.

Differentiate between HTTP get and post requests.

Both GET and POST method is used to transfer data from client to server in HTTP protocob but Mind difference between POST and GET method is land GET carries request parameter upgened in URL string while POST carries request parameter in message body which makes it more secure way of transferring data from client to server

Mention the methods in Servlet Context class.
getContextPath.getContext.getMajorVersion.getMinorVersion.getEffectiveMajorVers

ion, getEffectiveMinorVersion.

State the use of lookup() methods.

A lookup state that the state find the North House of the state of the st How RMI differs from COBBA?

CORBA inertices are defined in DL and RMI inertices are defined in Java, RMI.

HOP allows you to write all inertices in Java (see RMI-HOP), COBBA supports in and our parameters with RMI does not since local objects are passed by only and remote objects are passed by reference.

known as the lookup class.

POPP (Post Office Protocol 3) is the most recent version of a standard protocol for receiving e-mail. POP3 is a client/server protocol in white e-mail is received and held for pure by your internet server. Periodically, client e-small receiver checks your mail-box on the server and downloads any mail, probobly using POP3. Write a note on POP3.
POP3 (Post Office

There are many advantages of Servlet over CGI. The web container creates threads for handling the multiple requests to the Servlet. Threads have many benefits over the Processes such as they abuse a common memory area, lightweight, cost of communication between the threads are low. The advantages of Servlet are as follows:

- 1. Better performance: because it creates a thread for each request, not process.
- 3. Robust: $\overline{\mathrm{JVM}}$ manages Servlets, so we don't need to worry about the memory 2. Portability: because it uses Java language. leak, garbage collection, etc.
- 4. Secure: because it uses java language.

What is Seedin fixede?

What is Seedin fixed is a business-tier controller object that controls the interactions between the client and the participant business data and business service objects. In a college and predict the participant business data and business service objects. In or location and selection of the control of the participant of the college and the advances of the remarks on many predictions and read and the participant of the college and the

Define the term BBK.

The Beans Development Ki (BDK) is intended to support the early development of Javelogam's component and on the as a standard effective best for who bean developers and tool vendors. The BDK provides a reference bean continuer, the "Basinbox" and a voil vendors. The BDK provides a reference bean continuer, the "Basinbox" and a viriety of results be usure four our other forms of the provided by the provide

Introspection is the process of exposing the properties, methods, and oversis that a Javelben compronen suports. This process is used at run-time, as well as by a visual development tool at design-time. The default behavior of this process allows for the automatic introspection of any Bean.

Expand the following:

Admin: Multipurpose Internet Mail Extension (MIME)

(b) CGI: Computer Generated Imagery

(c) HTTP: Hyper Text Transfer Protocol

Write the purpose of rebind() method.

The rebund method always binds the name to the object even if the name is already bound. The old binding is lest. The unbind method removes the binding between the name and the remose object. It will throw the binding-boundizaciption if there was no binding.

List the parameters of javamail send class.

public interface JavabhailSender extends MailSender. Extended MailSender interface for Javabhall, apporting MIME newage both at diver tragaments and through preparation ealineks. Typically used in conjunction with the Minneklessagetleber class for convenient creation of Javabhail MinneMessages, including attachments etc ...

Define the term MAC.

Define the term at MC.

We would be a special or the specia

What are the subtypes of an entity bean? There are three types of EJBs: session beans, entity beans, and message-driven

 Session Beans. Entity Beans.

Message-Driven Beans.

data types: scalars, arrays of scalars, and hashes of scalars, also List the data types available in Perl. Perl has three basic data types: known as associative arrays.

Write down the syntax of foreach loop in perl. The syntax of a foreach loop in Perl programming language is Foreach var (list) {

Define the terms Serythe.

Of servers that Seryther, of of servers that Seryther of servers that supplemental services can respond to any type of request, they are commonly used to extend the application based do we besvers.

One the meaning of 10K and 10K.

This is the Samplement Kit.

BUK is the Beam Development Kit.

All its is beam and elvelopers Kit. work in July. Buk is a product of Sun that include on top of the their products to develop July and Buk.

How do HTML be linked with Servlet?

method="post"; to send the form data as an HTTP POST request to the server. Generally, form submission should be done in HTTP POST method.

action="URL of the servlet": specifies relative URL of the servlet which is responsible for handling data posted from this form.

Write a note on SNTP.

SMTP stands for Simple Mail Transfer Potocol, SMTP is a set of communication
SMTP stands for Simple Mail Transfer and electronic rand over the internet is called Simple
Mail Transfer Protocol. It is a program used for sending messages to other computer users

What is the major difference between JMS and RMI?

JMS allows applications to exact, sord, records, and read nessages. It enables distributed communication that is loosely coupled, reliable, and saynethronous. The RMI API enables Java technology-based client and server communications over a network.

Write down the syntax of ISP Comments.

JSP comment make to text or statements that the JSP container should ignore. A JSP comment is useful when you want to hide or "comment out", a part of your JSP page. Following is the syntax of the JSP comments -

What is meant by Lifer architecture?

Liter architecture?

Liter architecture is a closely-sever architecture in which the functional process hoje, data access, computer data storage and user interface are developed and maintained as independent modules on separate platforms. A "tigs" in tils case can also be referred to as a "layes".

"layes"

Define: Senter variable, me used to represent individual freel-size date objects, such as integers and potenties. Sealar variables are used to represent solver to the seal of the freel-size objects that are composed of ones or more primitive or composed to press. D provides the ability to oreate both arrays of objects as well as composite structures.

Write an example for simple if statement in Perl.

The Perl single if statement is used to execute the code if condition is true. The syntax of if statement is given below:

[Requestion of the statement is given below:

- 2. if(\$a %2==0){ 3. printf"Even Nun Sa = 10;
- printf "Even Number'u"; }}

What is the default scape of Pert variables?

By default, all variables in Pert are global variables, which means they can be uncessed from anywhere in the program. But you can create private variables called lexical variables as any time with the my operator.

Which any road chromates of Liva Beans.
Exponence on the applications:

Exponence on the applications:

Exponence on the applications:

Exponence on the application and on adopting the application.

Registration to receive events:

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What is JAR file?

A fava Archive, or JAR file, contains all of the various components that make up a

A fava archive, or JAR file, contains all of the various components that make up a

self-contained, executable Java application, deployable Java applet or, most commonly, a

Java library to which any Java Runtime Environment can lisk.

Introspection is the process of exposing the properties, methods, and events that a JavaBean composent supports. This process is used at run-time, as well as by a visual development tool at design-time. The default behavior of this process allows for the automatic introspection of any Bean. Write the meaning of Introspection.

What is RMI architecture?

In an RMI application, we write two programs, a **server program** (resides on the server) and a **client program** (resides on the client).

- Inside the server program, a remote object is created and reference of that object is made available for the client (using the registry).
 The client program requests the remote objects on the server and tries to invoke is methods.

List out the components of RML. The RMI system consists of

with the Zennock in La De.

Callback is a mechanism by which the life cycle of an enterprise bean can be intercepted. Else St specification has specified callbacks for which callback handler methods are created. Else Container calls these callbacks. We can define callback methods in the El9 class itself for in a separatic class. The RMI system consists of three layers: the stub/skeleton layer, the remote reference layer, and the transport layer. What is Callback in EJB?

State the advantages of Servlets over other Server side technologies.