1.Discuss in detail about session beans and its

Enterprise Javo Beans (EIB) is one of the several hava APIs for standard manufacture of enterprise software. Bit is severa-size enhance releases that summarizes business lago of an application. Enterprise Lavo Beans were repository yields a runtime domain for what bested software elements including commerce reliability, Javostot Liscopic Imagement, Imagement reliability, Javostot Liscopic Imagement including commerce reliability, Javostot Liscopic Imagement including commerce reliability, Javostot (EIR) commerce of the Javost Eirounteration of the whole software reliability and procedure and other whole sortices. The Elementation is a subject of Elementation. The Use Commerce III is contained such as Javost, disastish, Weblogic, Webopter etc. It performs.

3. Transaction management

A chept conforms "Seminary of these of the conformation of the con

Strafful jascione proferoms business tas with the find of a states strated inscense became and be been of process requirement of talk by straffing the information in instance analyses one of the applications require information to be known corresponding to the profession require information to be known corresponding to the distribution of the process of the (i) Strategies by other more than the straff is a reasonable of stated is ession bean. In Strategies by the process of the (ii) Strategies by the process of (iii) and it is a state of dishabet and can nod shared data. Strategies specially in the invoked by passing 2, herses to have been considered to the process of inheritors.

message.

3. Entry Bean it summarizes the state that can be remained in the database. It is deprecated, Now, it is or spected with Politisary Persistent API). There are two types of entity bean: it is of the control in the Library of the Control in the Library of the Control in the Library of the Section of the Control in the Library of the Section of the Control in the Control

2. Explain the protocols used in understanding Java

The Landald lagroids a subfurnindependent and genococial dependent brenevant for build mail and missaging applications, the Landald lad provides a set for described the season for build mail and missaging applications. The Landald lad provides a set of abstract classes defining explorations. It is an optional package (tarnidard extension) for resafing, composing, and sending electronic reneasing composing, and sending electronic reneasing system in medical elements that we seed to construct in mether described reservations and immediate any specific immediate any specific immediate and respecification does not define any specific immediately studied as the classes are element as part in implement elements. The classes are element as part of the Landald dess package. Following are under dut personale supported in Landald Albandal dess package.

Syntax: C#@page isElignored = "true/false"%> errorPage: Defines which page to redirect to, in case the current page encounters an exception.

Syntax: <%@page errorPage = "true/false"%>

S.Explain Container-managed transactions?
A transaction is single unto work from, which follows the ACID properties, ACID stands for Atmostical consistent, solated, and Dutable.
Atomic, Consistent, solated, and Dutable.
Atomic - If my or the work frem fails, the whole unit will be considered failed. Success meant, all

Content sectors, described by the system in consistent state.

Consistent A transaction must keep the system in consistent state.

Disables—Early markension secent morphosphered to other transaction.

Disables—Early markension sectors and ballene if it has been executed or committed.

Ell Consistent Sectors are transactions serves and habiter is transactions content propagation and distributed transactions. Transactions can be an analoged by the container or by sustain code habiting

in bean's code.

Container Magaed Transactions – In this type, the container manages the transaction states.

Bond Managed Transactions – In this type, the developer manages the life cycle of transaction and Managed Transactions.

states.
Container Managed Transactions
EB 8.0 has passed informations
EB 8.0 has passed informations
EB 8.0 has passed information in period in the EB 8.0 has passed in period in the EB 8.0 has passed in the managed in the passed in the managed i

exception will be thrown. NEVER – Indicates if business method executes as part of transaction, then an exception will be

Example:-package com.tutorialspoint.txn.required;

mport javax.ejb.*

@Stateless @TransactionManagement[TransactionManagementType.CONTAINER) public class UserDetailBean implements UserDetailRemote {

private UserDetail;

reateUserDetail() business method is made Required using Required annotation. ackage com.tutorialspoint.txn.required; @TransactionAttribute(TransactionAttributeType.REQUIRED)

nport javax.ejb.*

POP: Acronym for Post Office Protocol. POP is the mechanism most people on the Internet use to get their mail. It defines support for a single mailbox for each user. RFC 1939 defines this protocol.

IMAP: Acronym for internet Message Access Protocol. It is an advanced protocol for receiving messages. It provides support for multiple mailbox for each user, in addition to, mailbox can be shared by multiple users. It is defined in RFC 2060.

White Acropmon Authority and an artist and artist arti

As said above the java application uses Javalvali API to compose, send and receive amails. The following figure illustrates tha criticuture of Javalvali. The abstract mechanism of Bavalvali API is sainlier to other 12EE APIs, such as 10BC, INDI, and JMS. As seen the architecture diagram above, Javalvalia JAPI is divided into two main parts: NNTP and Others:There are many protocols that are provided by third-party providers. Some of them are Network News Transfer Protocol (NNTP), Secure Multipurpose Internet Mail Extension (Sheffle) etc.

An application-independent part. An application-programming interface (API) is used by the application components to send and receive mail messages, independent of the underlying provider or protocol used.

A service-dependent part. A service provider interface (SN) speaks the protocol-specific languages, such a SMTH, 20°P, IAMP, and Network News Transfer Protocol (IAMTP). It is used to plug in a provider of an e-mail service to the LZEE piddorm.

. Explain the role of servlets in session

are the lava programs that run on the Java-enabled web server or application server. They are usec to handle the request obtained from the webserver, process the request, produce the response, then send a response back to the webserver.

HTTP is a "stateless" protocol, which means that each time a client requests a Web page, the client establishes a new connection with the Web server, and the server does not retain track of prior

The conversion of a user over a period of time is referred to as a session. In general, it refers to a certain period of time.

execution of the object in session is known as tracking.

The recording of the object in session is known as tracking.

Session tracking the percess of nemeritarity and documenting customer conversions over time.

Session management is another name for it.

The recording of the object of the percess of the object of the percentage and recording desir conversions one from the object of the percentage of the object of th

private User;

private UserDetailRemote userDetail; //create user details userDetail.createUserDetail(); public void createUser() { //create user

createUser() business method is using createUserDetail(). If exception occurred during createUser() call and User object is not created then UserDetail object will also not be created.

6.Explain following Messaging Models.

In modern statement activement, the application needs to be decoupled, legit scalability, serving the modern statement activement, the application needs to be decoupled, legit scalability, serving high performance Messaging service means the legit service below to the certain the service of the certain scalability of models is the legit below below the certain place to service or or place to get the nessaging models are best on the message cane leave as a certail place to send missages or or place to get the messaging from the personage with the processed following this ferric directual. This statement is the personage will be proceeded following the rich reference in the point of messages are content in the point or best or personage will be proceeded following the rich reference or must pressage removes are listening to the statement according to the message service are to this or the same message service are as it benefits the statement according to the message service are as it benefits the statement and message received are could applied or their framemous publisher and even the message receiver are soughly applied or their framemous publisher and even the message receiver are soughly applied or their framemous publisher and even the message services and the surface and the services are the services and the surface and the services are the services and the surface and the services are the services are the services and the services are the services and the services are the services are the services are the services and the services are the services and the services are the services are the services are the services and the services are the services and the services are the services are the services and the services are services and the services are services and the services are the services are the services are the servic

message consumer.
There are two types of point-to-point messaging, fire-and-forget(ove-uay) messaging and request/polyfrequenc responsol messaging. The difference between fire-and-forget and request/polyfrequenc responsol messaging. The difference between fire-and-forget and fire-and-forget.

If and forget, the message sender does not wall for any response from the message queue, it in fer-and-forget, the message sender does not will not any response from the forganizor and the Recipient would have no interaction at all.

The request view the was no interaction at all.

The request view interaction at all.

The request view interaction at all the request/reply messaging model, the message sender foreign an image of the message and one may be a model, the reduction of the results of the message sender reduction at a message or models, a think this model, the reduction of the message sender model, the reduction of the message and the message models. The Authority Messaging notemer are feed publishers with the messaging reduction of the message reduction of the message reduction and properties of the message reduction and the message reduction and any accordance in the production of the message reduction of the publish subscribed the message reduction of the message reduction of the publish subscribe the message publishers go not need to know where the message will be the message of the new force of the reduction of the r

Cookes are little pieces of data delivered by the web server in the response header and kept by the lorwayer. Each web dient can be assigned a unique session ID by a web server. Cookies are used to keep the session going. Cookies can be turned off by the client. Hidden form field

The information in interaction to the web pages via the hidden form field, which is then transferred to the save "These fields are hidden from the user's view.

6. Equal hidden five fields are leaded from the user's view.

7. Equal hidden five fields are field and a 18.9 source code that guide the web container on how to premake the 18.9 page into it's respective soriet.

Sign interior autholice "violue" ye "violue" ye.

Sign interior autholice "violue" ye.

Sign interior autholice are number of authorice which you can list down as key-volute pairs and separated between the first three and the content of the content operate that can be defined using page directive:

The following are the different coparities that can be defined using page directive:

The following are the different coparities that can be defined using page directive:

The following are the different coparities that can be defined using page directive:

The following are the different coparities that can be defined using page directive in the program.

Service:

The following are the different operated when the padagos/clauses are needed to be imported into the program.

Example : <%-- JSP code to demonstrate how to use page %@page import = "value"%>

directive to import a package --%>

<%@page import = "java.util.Date"%>
<%Date d = new Date();%>

ontentType: This defines the format of data that is being exchanged between the client and the erver. It does the same thing as the setContentType method in servlet used to.

ং উটাবছe info="value"%> buffer: Defines the size of the buffer that is allocated for handling the JSP page. The size is defined in page contentType="value"%> Defines the string which can be printed using the 'getServletInfolf' method.

خةرق page buffer = "size in kb"%> language: Defines the scripting language used in the page. By default, this attribute contains the

value 'java'. IsELIgnored: This attribute tells if the page supports expression language. By default, it is set to false. If set to rrue, it will disable expression language.

onsumed. This characteristic provides a high decoupling for the application when applying the hublish/subscribe message model.

Conclusion to comparate the transfer of the common messaging models and I hope that will help you have a solid understanding of messaging services that have a solid understanding of messaging services that have a good choice when trying to applying it to your application.