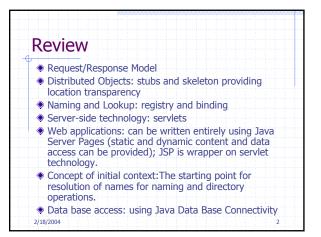
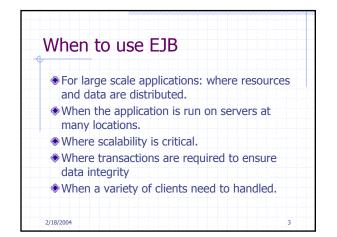
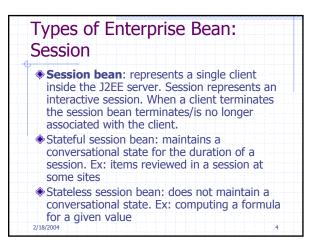
Understanding and Designir with EJB	IÇ.
B.Ramamurthy	
Based on j2eetutorial documentation. http://java.sun.com/j2ee/1.4/docs/tutorial/doc/index.html	

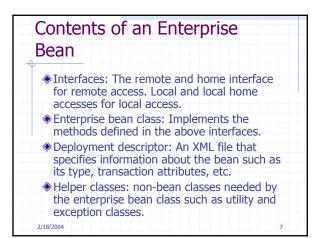




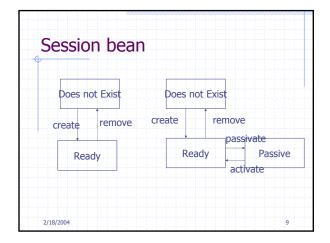


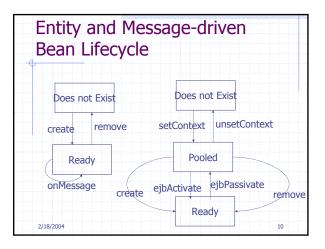
Types of Enterprise Bean: Entity	
An entity bean represents a business object in a persistent storage mechanism. Ex: customers, orders, and products.	
 Each entity bean typically has an underlying table in a relational database (business data), and each instance of the bean corresponds to a row in that table. 	
Transactional and recoverable on a server crash.	
2/18/2004 5	

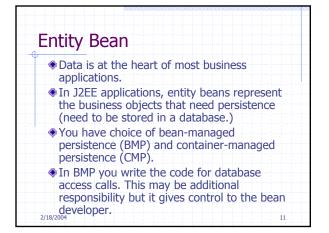
Types of Enterprise Bean: Message-Driven	
A message driven bean is an enterprise beat that allows J2EE applications to process messages asynchronously.	an
It acts as a JMS listener, which is similar to an event listener except that it receives messages instead of events.	
The messages can be sent by any J2EE component: an application client, another enterprise bean, or a web component, or a non-J2EE system using JMS.	
Retain no data or conversational state. 2/18/2004	6



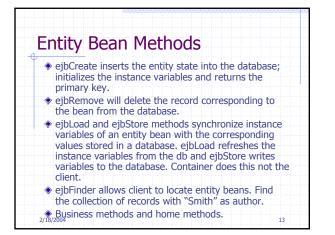
The life cycles of enterprise beans
An enterprise bean goes through various stages during its lifetime. Each type has different life cycle.
2/18/2004 8



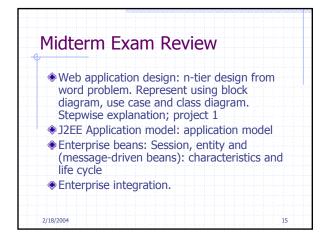




	EntityBean interface
Zero or more ejbPostCreate	
Finder metho	ds
Business met	hods
Home metho	ds



Method	SQL Statement
ejbCreate	INSERT
ejbFindPrimaryKey	SELECT
ejbFindByLastName	SELECT
ejbFindInRange	SELECT
ejbLoad	SELECT
ejbRemove	DELETE
ejbStore	UPDATE



Exam format	
Open Book and O	pen Notes
 Questions are des prepared with UM 	
 Technology quest based. 	ions will be J2EE (EJB)
2/18/2004	16