SpringTransactions:-

\*\* Before Understanding of the spring Transactions we have to see what is Transactions and how many types of transactions and how can we achieve Transactions with springs

Transactions are nothing but single unit of work .either all resources has to commit or all has to rooback

if you want to achieve this we need some other person help that is nothing but Transactions

\*\*Incase of Local Transactions we can achieve this without using this transaction but writeing that logic is very complicated

con1.commit();

con2.commit();

\*\* Here two different resources we are using and commiting indipendently.so if the exception comes after commiting the first resource and just before commiting the second resource insuch a case first resource will be commited and second resource will throw exeption but here we need to write manually rollback operation for first resource as well as second resource if first resource throws exception.

\*\* Incase of normal application by using servlets (Controllers) and Jsp(View) and for business logic everything we will just use pojo classes.This is the simple architecture for simple servlets based applications

\*\* If you are perfoming local transactions using JDBC API.this api it self provided TransactionManager and some more interfaces as part of JDBC Local Transactions.But Jdbc Api will not allo to perform GlobalTransactions

\*\*For this you need to have ApplicationServer which will implement JTA and JDBC 2.0 API with XA Driver implementation or JPA or Hibernate MyBatties or e.t.c

\*\*Incase of local Transactions The data will be commited or rollbacked from only one resource and this will be done by using one phase commit

\*\*But incase of Global Transactions we have to use either of above stated technologies.and i have devloped using Weblogic Application Server.There i have configured two different DataSources and also called ResourcesManages.

\*\*And you have to perform the lookup operation for UserTransactionInterface which is comming from JTA so it will support Global Transactions unless like JDBC Transactions.This will support Two phase commit and i have explained thow phae commit in JavaGlobalTransactionsWithTwoPhaseCommit in servlets Projects.And the possibilites provideing by weblogic servers to users also explained

\*\* If you have XA Driver and if you dont have XA Driver What will happen. what are do's and dont's i have explained in that project

\*\* But incase of Struts kind of frame work application devlopment managing transactions are easy

in that