(Part6)

Why we need costomised ferialisation? Class Account implements Serializeable { String vsorId = " will 123" transient Storing password = "#132 go" File Output Stream Jos = raw ? Serialisation ros-son OujectOutputStavam DOS = new deservalisation U80179 = 4 my 153 password= null passound=null 7 Since une de daved password as transient, Hence It did not participate in serialization, and there was loss data during sertalisation & deservalisation. Object Input Stroum OIS = 1200 To ge transfer this password also some additional work D regulared to be done at Sender Side as well as fecession Side as well: this additional work is called Customized Sevialization

Landra tax ( Part 7) How to implements (ustomised Serialisation) lets say that was extra work done by sender and done by receiver Is encryption of passward dand decryption of passward, paints void used Object ( Object apoly Spring ois) its a use biou string Class Account implements Levializeable} motion is like about an out seem a transient String pud = "and 123" (en crypted pass world) String user Id = 'wri 123" & pwd = 123# + pwd realization of pud: and 123) tops ) epud in Lisa of Serialize For every Object of Account which is sovialized. Acromotically pud=null de encrypt the password Sorriolize. and send that to the describised abc-sen" de crypt fre Object Jad= mainas anaryphol possulad pul = and (23) < Serialisation: Prepare Encrypted Password and write it to file > this is called customised Descrialisation: Read Encrypted Password from Vila Serials affor

and set value in the Object

two methods which we use to implement restormised Serialisation. this needs to be used Serialisation. private void unite Object (Object Output Stream 008) throws Exception A this needs to be used during Deservalls attom. Private void read Object (Object trout Strom ois) throws Exception. \* These two nethods will be automatically called by JVM. \* these methods are called callback methods' O) Where should the two, specified methods be defined? (A) Whichever class needs we costomised Serialisation in that we have to write. In own example Account Class, Dog Class. browing all typning water parleinal set of took kay bus of Los No I I A MAN A 63 July 2003 3 (Elling = 62) PETRON = DEV Crown and Come - I gotto iousi RELIEVED FROM FOR PLANTED physical warms our - Was is suff = beimaler while mid brack of bely word to self to detailed in

(Coding of Customised Seriali Sation) class Account implements Servalizeable > | class (ustom Sergalize Demo > String Username = " wir 123" Account a = new Account(); transient String pwd = "#123 wb"; private void write Object (OOS OS) threws Exception default White Object ();

default White Object ();

presunt is String epwd = "123" + pwd;

presunt is now a powd = "123" + pwd; Pos fos = new Pos(Haking) 005 005 = new 005 (fos); 1005- writeObject (ai); Os. write Object (epwd); password to file PIS fis= new PIS ("abise") OIS ois = new OIS (fis); Private void read Object (OIS is) Hows Exception 1 officers Acrount az= 0 is- mand this neithed ) default Read Object (); pud is String epud = (String) is read Object(); [ pwd = epwd-substring (3); Read encrypted password from fill and then decrypt it. ( Stage Some is Common Here

(Part 8)

## (Parta) (& trai)

Lets Say there are more than one wanstent pariables, and You want to use customized forialisation, in that case how you cando?

As one remember the order in which we ferialize in the same order one have to describblise. Its the same in customised devialisation

Class Account implements serializeable &

String id="writes"

[Transtent String poud="#1230"]

[Dransfent int pin=1234;

[Variables]

private void write Object (Object Output Stream OOS) & throws Exception.

String epwd= "123" + pwd;
int - epin = 4444 + pin;

oos-write Object (epud);

private void peadobject (Object input Stream ois) throus Exception {

Ois. read Object (); -) default defends so when,

String a pend = ois. and (String) ois. read Object();

Int apin = ois-read Object();

pud = apud-substring (3);

pin= epin- 4444j