Exception	Harding
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-> What is exception?

unexpected event disturbs normal flow of

> egf FileNotFoundException

-> what is Purpose of exception handling? graceful termination

egy open db Connection

Road data -> Salexophion,

Close db Connention

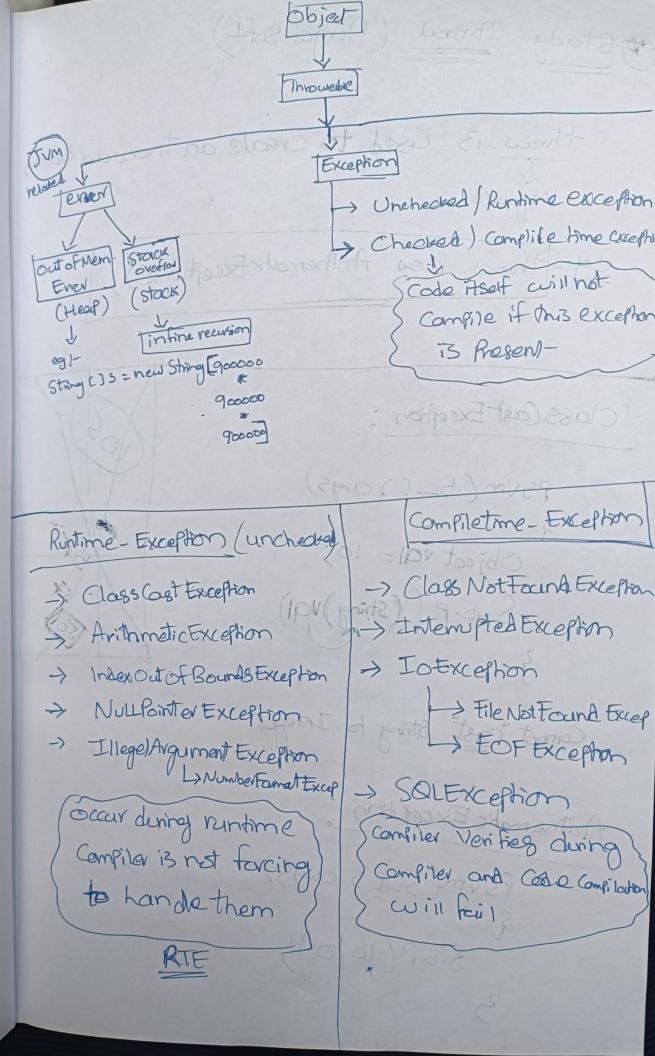
-) In what the way gov are harding exception? defining atternative way to carriere rest of The Program namedy is called exception

filerd FoundExcellar)

eg (1) Read remete file | X Pood remote file of Remote retardible of aselo con File. 2) try { Read temstetile 3 catch (File Not Found tyception e){ case Iscal Frame file; Runtime Stack mechanism -) For every threat has any own stock Creates Stacks -> Stackframe / Activation Record 1+ Class Test of sur pop pace that the men PSVm (String E) augs) doStuff (?) frodly PS V dostuffe() { Starell ab Mare Staffe) Aleso dela a doMareStaff (); PSV doMareStuff () { want) S-0-P (HT) 1. main 2. do Strff 3 - do Mares AJR8 6. main

Default exception Hardling in Java class Test Nouste most borness as within the PSV main (Storg[] args) dostaffer; horale exection its also dans PSV doStutt () dpushed b do MoveStuff (1) forting plant and respective to partie asset actorilis IPSV do Marestuff (Pailbrood and 90000) Sio. P(10/0); The method in which exception raised is 2 Secretarist has tempersonsible to create exception object with Jum exception object) Name: AExe Descrition: 1 by 200 handover object to Stacktrace; JVM On Jum ask maked do you have handling code? A) is NO, Method is terminated abnormally without executing rereating code and remove method from Stack, and control new goes to method which called the exception Causing method ie, do Stuff method in our example

if no handing code in caller method that nether also cohramaly terminated and entry is removed from stack Finally Control goes to main method then if main mothed also didn't hardle exception its also terminated abnormally. Now Finally Control Comes to Jum Soits restorsible to handle asing default exception handling " Hotosomobve? default exception houndring Print tocareace im specific format and terminale Format of Printing Default exception exception in Thread main': AE: / by ton at test dostuff () at test main ()



Study Throw (Duga Soft) throw is used to create an throwain en Keyward Something (new Anthematicticephon () Class Cast Exception PSVm(S_[) args) Object val= 10; S.o.P ((string) val) Exception > Iotaceptol Count "cost" String to Integror Anthematic Exception PSVm(S_E) oneps) S. 0P (10/0);

Indexautof Bounds (Strong / away): Tier ling modelines is expected int [] a= new int [3); Supla [3]); cate, Class not Excely Excely & NULL Pointer Exception :-Psvm (S_[] args) Story S= hull juniva9 S-charAt (0) I Null Pointer exception Illegal Argument Exception -> (Number Fermattixer) PSVm/S_[] congs) (or what vot) so saller Syspert (Integer. ParseInt ("abc")).

Compiletime Exception
Coiler cheates & Compilation will fail
if not handled Properly
cejt-" Class Not Found Exception"
closs Moch
Class Main S PSIM (S _ 1) angs)
mic);
PSVMicken = 2 parts
Throw now ClassNot Found();
Fix-I for compile time exceptions
Throws: It tells that, this method "MIGHT" throw this ener exception
Cour be used only after you handle it appropriately mothod
S. oP (In)