nethods who throw exception must be decliored in try each block, eg: = new File inputstrum (" my. Test"); it throw file hot bound exception so declarity & Graption Handling ? in by catch block. Array index out of bound (i <= a.lugh)

unchecked => arthunatic exception (/by 6)

Crumtim exception) enor Compiler- Rupion mistaks) (Which is checked by compiler at compiler Time) meaning (resource checking is done by checking)

The not found, IO exception 1/ rode in which exception may occur. catch (Escuption) ?

11 multiple catch can be there for a single try Lode to turn when exception come. finally & 11 only I finally with I try and finally not necessary 11 code to run supplion occur or not. 1/ finally can't be there without Try I se for all exception list.

Escapiton is parent class : can Come
Escapitorn is parent than or can be securated to find out hard to maition log to find out but don't an it as we had to maition log to find out the which exception, occurred.
but don't an it as we will so were.
Clam and S
public static void main (5 tring [] orgs) [
inta, b;
a=10;
6=0;
8-0.p(a/b)
3
of this will throw exception at ling 8
import Java. io. x;
Clay exclpt {
partie static Noid main (string () orgs)
int a,b;
$\alpha = 10$;
1=0;
try (
5.0.p(a/6); This will Btill genrate exception as exception was arthumatic except.
catch (IOEnception ioe) {
ioc. printstackTrace(); Tells detail of exception, on
output serun-
3
)
class esipt E
public static void man (String [] ango) [
inta, b;
. A= 10;
h = 0;

best practice the Eaception of in catch as it should be off to catch all type of exaption loy { 5.0.p(a/6); > Can also with only Exception as it is fount class of Arthuratic Exception, catch (Arthunatic Exception ae) { ac. printStackTrace()} finally 5 S.O.P (" Exception handled"); * Nisted try-catch: Try E (Adl(S) code(5) Catch (Exception class obj) { I first this calch try to solve. If not abl to solve then exception tophes in outer try (sdels) then this catch try to solve. Cotch (Exception class of)

proport Java. itil. Szammi, Claro NestraTry Catch {

Public static void main (String [] angs) {

int a [] = [10, 20, 30, 40, 50]; int b=10; c=0; y { Sio.p(b/c); catch (NullPointer Escaption ofj) (obj. print Stack Tracel), this exception will not occur as arthurt for [int i=0; i = a. lingth, i++) { exception already occur and handhled by outh catch . this code is not executed. Catch (Anthemalin Exception catch (Array Indinout of Boundances ption of) } obj. print Stack Trace (); for both the exception to occur use reason take input of bac in inner bry or my volution! ginally enlivery exact to close all the object used

it escription handred timintation roundly if not handled terminated alnormally by AVM. Exaption propagation between methods: import Fam. util. Scanni; class Ams [void ms () [5.0-p("Enter Two no: "); Scannin SC = new Scannin (System, in); a = sc. mutInt(); be sc. mutintes; 5.0.p(a/b); control transfird Class Bm2 [Void m2() { Amy obj = new Amy (); obj.ml(); Control transfered Class DunoABy & Public static vaid main (String [] orgs) (Bm2 objo nu Bm2(); Catch (Exception obj2) { 114

Throws mont? 3 phons boot ye hail it is used to throw an exception. with the help of throw we can throw our own exception. AThrow: it is used to declare any method throwing some * Throws: exception. og Word M3C) throws I DEscuption, SQL Encaption must be handred by the calling without m3() -> m2() -> mil) -> main() > try ? pile operator und to handle mulliph enception catch (S&1 Enaphion To Exception of) { * Throwing my own Exception: // we can create our own exception by extending Exception class import Tava util Scanner; Class my class extends Exception { my class (String msg) { Super (msg); class testExaption ? Void mil) throws my class [

