Exception :

Atypical or exceptional condition that signals a piece of code could not execute normally.

So you can instantiate: Exception e= New Exception
Constructors ==

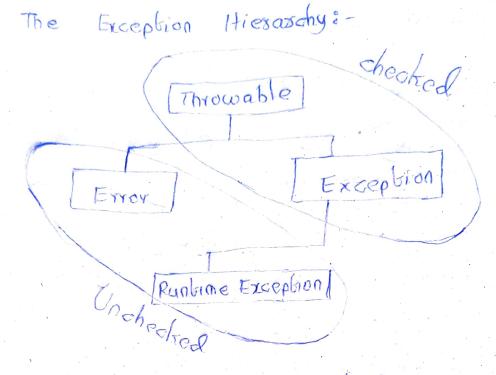
Exception ()

Exception (message)

Exception ( cause)

which takes another exception

Euception (message, cause)



Hhen we are handling checked exception you have to mention only possible exceptions in try block there try to coton other checked exceptions it will throw every

## catch ruless-

- 1) catch exception only once
- el subclasses must be caught before their super classes
- Don't catch cheotied acceptions that couldn't be thrown, from code present in try

multi-catch: java7 Beloose - 7 He have to write sperate catch block for every exeption. Gry L G catch (E - 1) { } cotch(T--2) { } Abteo-7: He can mention multiple Exceptions in single catch block. Catch (Exceptionone | Exception tooo | Exception three C) g e-gel-Hrungel); /)-Rules Exceptions are seperated by a pipe and bhro's only one repetence Use Exceptions not related through inheritance > ib they are rotated montion Super dass exception The Televence is final. system. exit(0)? -> This will beaminate in with program abnormally without Finally's executing finally block 3 catch (Ex- e) finally {

file close(); but this resource closing also discs exception it file the opening is not done in boy block. so for foologell also we have bo provide condition like -finally {
ib (file 1 = null) E file closes; elsel > So to overtoome this problem java provides Try-with-resource block which closes regources automatically. But on one condition > those resources should implome javalang. Auto Closeable Java. Po. ologeable. So there we don't need trinally blocks to close resources. Initialized from left to right but closed in reverse order

finally {

a supressed exceptions.

Advantages of checked Exceptions

-> Document a method

-> Force to deal with exception

7 Help covite more robust programs.

Advantages at unahedred Exceptions catch only what you want less cluttered code provide more flexibility:

Creating the custom enceptions.

use chected exceptions for recoverable conditions and rantime exertions for programming extentions.