multiple Calch Define error Nested try-catch Putro handling 22 | nanupulation Java twow, throws dues Compiler evre Exception Fenally? neur Exception **Exception** wer defined exception. Syntax: Small trus Department of Data Science &

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d exception" cross nistalces com during Skeleton s run 3 15-20 field [w] re-pud Department of Data Science & Engineering, DCA, MIT

15-20 field *end.

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mistake lead to error to produce unexpected results can Stop execul terminate error Compiler 1 revile -> No expect result Syntax errors console

errory - are noting but uncareful exception error (not manupulation) > exception > Handle n_1 -> exception try: block of that the son (if (sc < 0) S. o.PL ("-ve valu") Cath. hondre error.

caused run-time Exception Definition

purpose of exception: means to delect is to provide and suport Not telminate

> Trus) Findig the problem (Hit the exception) 27 Inform that an error has occurred (throw the turous ruplicity exception) 37 Reviewe the error Enfo (Catum the exception) exception object exception) les take corrective actions (Handling the Stadement with exception) Correction

Some A Java Comm' Exception. for EH wode. [Block dia)

Fry Block
Sturts 7
evrol/
exception

Catch Block

> handled

try (

to cause an errol + throws

the error (Exaption) Calun (Exception-type e) exception thrown of apprhately (atches the and hardle

Exception (Exception_S) Department of Data Science & Engineering, DCA, MIT

When an exception in try block is generaled, the Java treats the multiple catch Statement loke cases en a Switch Statement exception 95 carput. The first Struct whose parameter matches with the exaption object will be skepped.

be executed. E rest will be skepped.

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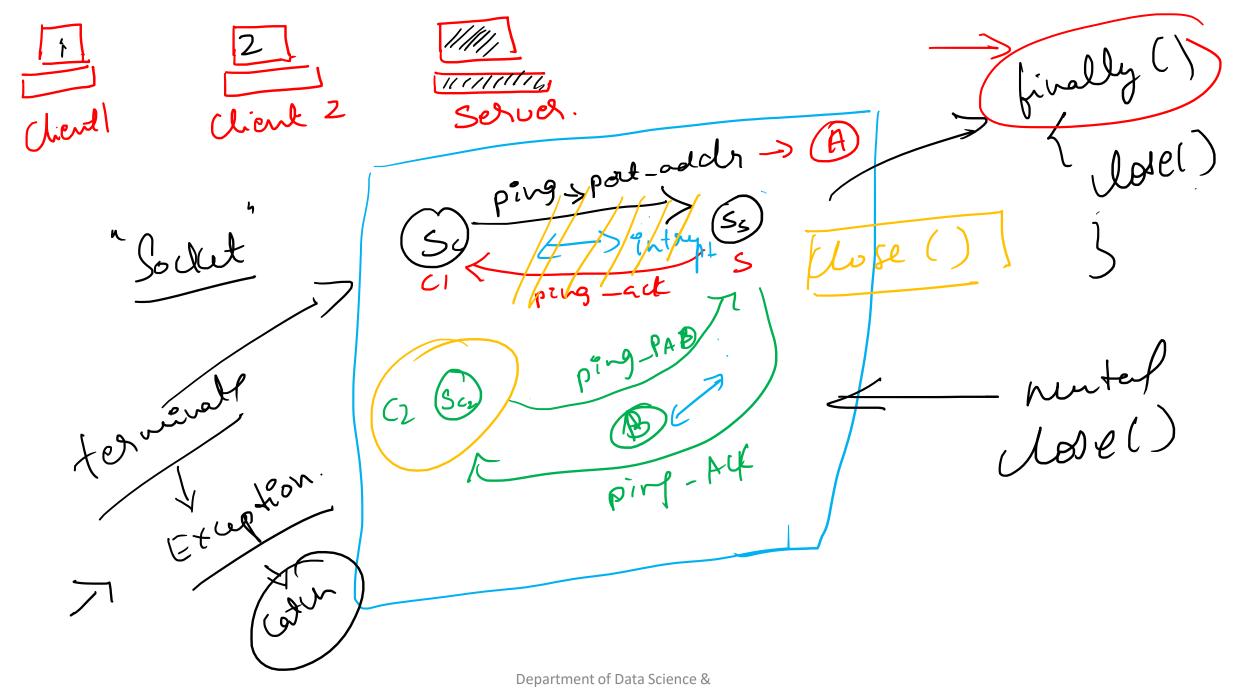
Java meture () throws Ecl, Ec2 Department of Data Science &

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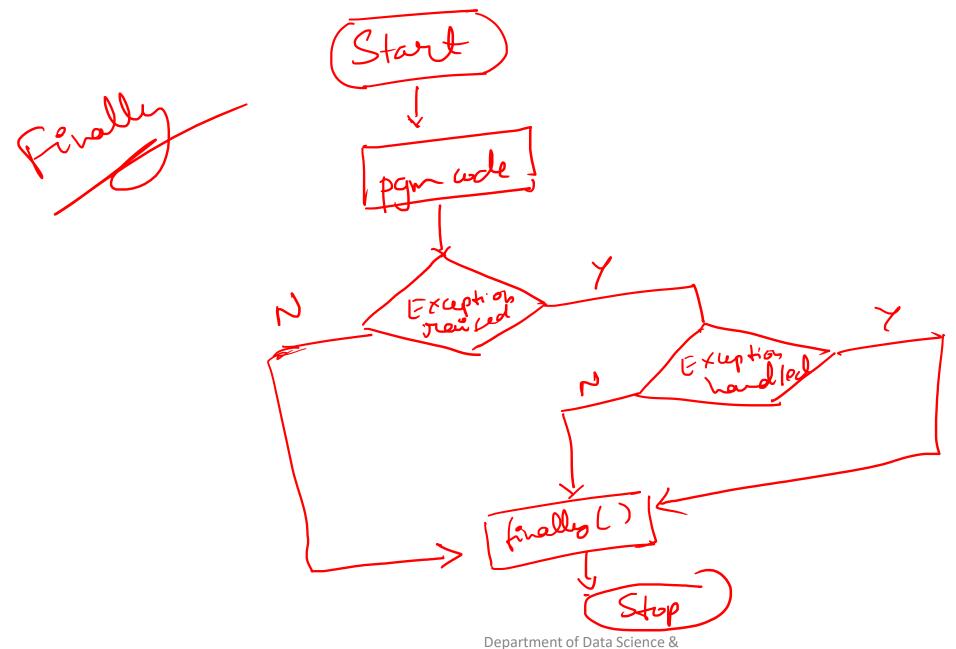
Same () therows Arutmetic Exception, Arrayout BBound Exaption int of) = (0, 20, 30); S.o.pln (a[3]); 50 Ph (a[i]/a[o]); 20/0 main () { sum ()

exception - explicitle

-> Clean up Connection termination 'x' Stat to be executed event on Ery-Catch terminati



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Exaption user defined Java > option > Exception