Bafna Gold A frogram 7: exceptions in inhoritance tree. Create a base class called "father" and clavised class called "son" which extends the base class. In father class, implement a controllor which takes the age and through the exception when the imple age <0. In Son class, implement a constructor that cases both father and son's age and throws, an exception if gon's age is = fathers age. Op Write a program that demonstrater handling Class Warney Age extends Exception d message O public Wrong Age (String wir mexage father d clan private intage;

public father (intage) throws wrong Age?

if (age < 0) &

throw I new wrong Age! Age rannot be

rapetive!); publie unt gelAge()
return dage;

dass Son extends futher of private int sonAge; Public Son (unt fatherAge; int sonAges)
Throws wrong Age of super (father lige) throw new Wrong Age ("Son's lage cannot be greater than on equal to father); age this. sontge = son Age; public ind getson Age () d sutum sarAge? public class Main & public veteric void main (String [] args) d futher father = new futher (45); Son son = new son/45, 40%, System. out. printin (" father 1 s age: "+ father. get Age Fystem out print la l'4 sou is Auge : " + son getson Age. System out prints (11 Exception outsett: " +

e. get Herscage ());

Adap Rivers Start Wrong Age dans from Exception

The start wrong Age dans from Exception

Halu a public Wrong Age romy trustor

which takes a string our possenseter s

pass message (string) to the suffer done (ietsaphon). 194: Halu a class father with private integer age. on 5: I am father combaudor check if muscape = " age cannot be len than zero grept: - Then Initialize age unside the compautor. ger7: Inside father clain make a getAge method which tetom age. Styl => 6 Inherit son from futher clars.

Styl 9 => Dellara a private variable sint son Age
inside son clan. Step 10 :5 In Son chan construtor inticlise father Age using super keyword

Sty 11 -> 41 Father Age = son Age throw

exception wrong Age with minage ("son's

age cannot be greater than or equal to

father's age "1 & the else intialize can Age. father so age of between elek unitarie son nye

son face of get son Age(1 method which retorm

San Age on

With param 45, (45, 40).

Holy: In the try block pront their age 8

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coth block throw custom wrong Age Step 15 . Stof