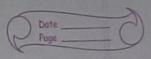


- with a program to dimonstrute handling of exceptions in inhuitance tree mate a base class called father and delived dass called "son" which extends the base dass. In father class implement a contluc -tol which takes the age and theoris the exception worong Age () when the input age <0 in son class implement a construitor that cases both fatha and sons age and throws on exception is son's age of == futher's age annot java util- Scanner; class Wrongage extends Exception { public wrongage (string s) & super (s); dass Input scarnes extends ? Scanner sc; public Inputscannes () & «c = new scanner (system.in); dass futher extends Inputs canner of private int fage; public pather () throws Exception & System. out. prently ("enter father's Age:"); this fage: se next Intly

if (this. FAge < D) & throw now lossing Age (" Age cannot be ve" public void display 1) { systemout prontle 1" futher Age: " + the fage) class son extends father prenate ent cage; public sont to therous Exuption & System out prenttal" enter son age: "). this-SAge= OC-next Entl); throw new Exception ("Age cannot if (this sage >= super. + Age) theow new WrongAge ( son age cannot be greater than father'). public void display 1) of super desplaye; System out prently "Son age: " + this cry)



3	Page
	dus your of public etate void main (strings) args &
	Son S = new Con();  S-display();  y  catch (brong Age (3)) d
	System-out-pentlo("Error: " -1 e-gotmersage1)
	Output:  Enter father Age: -5  Age cannot be regated -ve
	Enter futher Age: 40 Enter Son Age: -5 Age cannot be -ve
	Enter Frother Age: 40  Enter 300 Age: 45  Con age cannot be greater than faither
	Enter pather Age: 40 Enter son Age: 12  Blutha Age: 40