	The Arrand Control of the Control of
	Write a program that demonstrates handling
	of exceptions in inheritance tree. Create a base class called "Father" and derived class called "Son" which extends the base class.
-	base class called "Father" and derived class
	called "Son" which extends the base class.
paggar Art	In Father class, implement a constructor which
	takes the age and throws the exception
	Wrong Age () when the input age < 0. In Son class, implement a constructor that coses
	class, implement a constructor that coses
)	both father and son's age and throws an
	both father and son's age and throws on exception if son's age is>= father's age
	\$
_	class Wrong Age extends Exception &
_	class Wrong Age extends Exception & Wrong Age (String msg) &
	super (msg), han to and sont
	3 pAins tale
	3 Jugapanel Sunadt Oach
	einel rus / Mitmey dur makene
	impost Gavo. util. Scanner; A 100
	class InputScanner & manch 1
[]	Scanner SC;
	Input Scanner () &
	sc = new Scanner (System. in);
-	3
	3 Ruzy A we I I apla
7	an place the colour and the
	class Father extends Input Scanner ?

int father Age;

142 (2 10 0) Father () throws WrongAge ?

System. out. println. ("Enter father's

age: ");

father Age: = sc. nextInt();

if (father Age: < a) ?

throw new Hrong Age ("Age cannot be

negative!");

negative!"); open forvoird display Or to an a find "Father's age:"

op to to the Age in the state of the stat 3 notificace of the later of Aganowi cook class Son extends Father & int sonAga; Son() throws WrongAge?

System.out.println("Enter Son's age:";

son Age = sc. nextInt().

if (sonAge>= fatherAge)? throw new kloong Age ("Son's oge connot be greater than father's (ni antigge") else if (sonAge < 0) { throw new Wrong Age ("Age cannot be negative");

	DOM5 Page No.
	Date
8	Yord display () ?
1	super display():
1	void display () ? super. display (): System.out. println ("Son's age: "+ son Age)
1	
11	public ctation used main 6 ctains
1	public static void main (String args[])?
\	Fother son = new Son();
	son. display ();
	2 3017. Clisping ();
	catch (lalgrang 1 - a p) §
	cotch (Wrong Age e) { System.out.println(e);
	2 system. our. pointinces,
	2
	2
	Output
	Enter fother's age:
•	-12
	WoongAge: Age cannot be negative
	Moongage. Age connor be negative
	Eden Oll 2 and :
	Enter father's age:
	25 F1 0 3 -
	Enter Son's age:
	45
	Wrong Age: Son's age cannot be greater than father's age
Conclusion and the same of the	thon father's age

