Lab Program 6:

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. In Father class, implement a constructor which takes the age and throws the exception WrongAge() when the input age<0. In Son class, implement a constructor that cases both father and son's age and throws an exception if son's age is >=father's age.

Code Snippet:

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		un inheritance thee. (next a close class called "Father"	
		and derived class called "uson" which extend the base	
-		class. In Father class, implement a Construction which	
-		when the input age xo. In Son class, implement a Constitution	
-		that Cases both gather and works age and thouse an oxa	oction
-		if Son's age is >= fatheri's age.	11/
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	class Father	-			
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	int age; Scanner in= new Scanner (System.in);	-			
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***	Father()	-			
	System out println ("Enter the father's age: ");	-			
	age = in.nextInt();	-			
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	if (age <=0) throw new Wang Age("Irradial input. Fathous Age (armot be				
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	class son extends Fatter				
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	1 when rade)				
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	those new Esonos Age ("Age of father Less than son")				
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Output:

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C:\Users\Anagha\Desktop\OOJ\Lab6>javac A_main.java

C:\Users\Anagha\Desktop\OOJ\Lab6>java A_main
Enter the father's age:
50
Enter the age of son:
17
FATHER'S AGE:50
SON'S AGE:17

C:\Users\Anagha\Desktop\OOJ\Lab6>java A_main
Enter the father's age:
23
Enter the age of son:
45
age of father less than son

C:\Users\Anagha\Desktop\OOJ\Lab6>java A_main
Enter the father's age:
-1
Enter the father's age:
-1
Enter the age of son:
3
Invalid input. Father's age can not be lesser than 0
age of father less than son
```