	DATE 14-02-14-0
1	12 de Dans de demonstrales handling of
	Write a program that demonstrates handling of
	exceptions in Inheritance tree create a hore class
	Called "Fathere" and derived class called "son" Which
	and I de land the control
	la a should sail the truces and age
	III CO 1 N 100 FIRE ID DOG
	The state of the s
	Son's age throws an exception if son's age > = father
	age.
7	import java util Scanner;
	Wanna Age extends Exception
	wrong rige Estimate
4	Super (msq)
	3
	2
	class Father &
	int age;
	Father (int age) throws Wrong Age &
	if (age \$0) &
	if (age ≤0) & throw new Wrongtge C "Age cannot be Negative
	0
	11
	this age = age;
	3
	3
	Class Son extends Fathers
	int SonAge;
	Son (int fatherAge, IntsonAge) throws WrongAge !
	Super (fatherAge);
	P II - I A - 1 P
	throw new Wrong Age ("Son's age Should be
	less than Fatheri's age");
	2

```
import java.util.Scanner;
class WrongAge extends Exception {
public WrongAge(String e) {
super(e);
}
}
class InputScanner {
Scanner s = new Scanner(System.in);
}
class Father extends InputScanner {
int fatherAge;
public Father() throws WrongAge {
System.out.println("Enter Father's age:");
fatherAge = s.nextInt();
if (fatherAge < 0) {
throw new WrongAge("Age cannot be negative");
}
}
public void display() {
System.out.println("Father's age: " + fatherAge);
}
class Son extends Father {
int sonAge;
public Son() throws WrongAge {
super();
```

```
System.out.println("Enter Son's age:");
sonAge = s.nextInt();
if (sonAge >= fatherAge) {
throw new WrongAge("Son's age cannot be greater than father's age");
} else if (sonAge < 0) {
throw new WrongAge("Age cannot be negative");
}
}
public void display() {
super.display();
System.out.println("Son's age: " + sonAge);
}
}
public class Main {
public static void main(String[] args) {
try {
Son son = new Son();
son.display();
} catch (WrongAge e) {
System.out.println("Error: " + e.getMessage());
}
}
```