```java
import java.util.*;
class wrongage extends Exception{
private String detail;
wrongage (String s){
detail = s;
}
public String tostring() {
return ("invalid age exception " + detail);
}
}
class Father {
int age;
Father (int a){
age = a;
}
}

class Son extends Father {
int age1;
Son( int a, int b)
{
super (a);
age1 = b;
}}
```

```java
public class abc {
    public static void main (String[] args)
    {
        Scanner sc = new Scanner (System.in);
        System.out.println ("enter the age of
                father & son respectively.");
        int m = sc.nextInt();
        int n = sc.nextInt();

        try {
            if (m < 0)
                throw new Wrongage ("negative");
            else if (n >= m)
                throw new Wrongage ("illogical");
            else {
                Son ob = new Son (m, n);
                System.out.println ("father's age" + ob.
                        age + "son's age:" + ob.age));
            }
        } catch (Wrongage e) {
            System.out.println (e); }
    } }
```