

24-11-20.

8) import java.util.Scanner;  
class wrongage extends Exception

```
{
    private int detail;
    wrongage(int a)
    {
        detail = a;
    }
    public String toString()
    {
        return "wrongage(" + detail + ")";
    }
}
```

class father

```
{
    int age;
    father(int a)
    {
        age = a;
    }
    void checkAge() throws wrongage
    {
        if (age <= 0)
            throw new wrongage(age);
    }
}
```

class son extends father

```
{
    int age;
    son(int a, int b)
    {
        super(b);
    }
}
```

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age = a;

{

void check (throws wrongage

{

if (age == 0)

throw new wrongage (age);

if (age &lt;= age)

throw new wrongage (age);

System.out.println ("the given age are  
correct");

{

}

class ageMain!

{

public static void main (String[] args)

{

try

{

Scanner sc = new Scanner (System.in);

System.out.println ("enter father and sons  
age:");

int a1 = sc.nextInt();

int a2 = sc.nextInt();

son s = new son (a2, a1);

s.checkage();

s.check();

{

catch (wrongage w)

{ System.out.println ("caught " + w);

{ }

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