

Exception

IBM14CS022

```
import java.util.Scanner;
class WrongAge extends Exception
{
    public WrongAge (String msg)
    {
        super (msg);
    }
}

class Father
{
    int father_age;
    public Father ( int father_age ) {
        this.father_age = father_age;
    }
}

class Son extends Father
{
    int son_age;
    public Son ( int father_age , int son_age ) {
        super (father_age);
        this.son_age = son_age;
    }
    public void display() throws WrongAge
    {
        if (father_age <= son_age)
            throw new WrongAge ("age of father can't be less than son's age");
    }
}
```

else

{

System.out.println("Father's age : " + father_age);

System.out.println("Son's age : " + son_age);

}

}

}

public class Excep }

public static void main (String [] args) {

Scanner ss = new Scanner (System.in);

System.out.println("father's age : ");

int m = ss.nextInt();

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

int n = ss.nextInt();

Son st = new Son (m, n);

try {

st.display();

{

Catch (WrongAge e)

{

e.printStackTrace();

}

}

}