

```

package com.company;
import com.sun.org.apache.xml.internal.utils.StringToStringTable;
import com.sun.xml.internal.ws.api.model.wsdl.WSDLOutput;
import org.w3c.dom.ls.LSOutput;

import java.util.*;
class WrongAge extends Exception
{
    public String toString()
    {
        return "Please enter the right age";
    }
}
class Father
{
    int age;
    Father(int age1)
    {
        age=age1;
//        System.out.println("Father's age:"+age);
    }
}
class son extends Father
{
    son(int age1)
    {
        super(age1);
        System.out.println("Son's age"+age1);
    }
}
class SetAge
{
    public static void main(String args[]) throws WrongAge
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the Father's age:");
        int i=sc.nextInt();
        System.out.println("Enter the son's age");
        int j=sc.nextInt();
        if(i<=0|| j>=i)
        {
            throw new WrongAge();
        }
        else
        {
            Father f=new Father(i);
            System.out.println("Father's age: "+i);
            son s=new son(j);
        }
    }
}

```

output:

```
"C:\Program Files\Java\jdk1.8.0_261\bin\java.exe" ...
```

```
Enter the Father's age:
```

```
-9
```

```
Enter the son's age
```

```
12
```

```
Exception in thread "main" Please enter the right age  
    at com.company.SetAge.main(SetAge.java:43)
```

```
Process finished with exit code 1
```

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|
```

```
"C:\Program Files\Java\jdk1.8.0_261\bin\java.exe" ...
```

```
Enter the Father's age:
```

```
45
```

```
Enter the son's age
```

```
67
```

```
Exception in thread "main" Please enter the right age  
    at com.company.SetAge.main(SetAge.java:43)
```

```
Process finished with exit code 1
```

```
|
```