

```

import java.util.Scanner;
class WrongAge extends Exception
{

```

```

    int age;
    WrongAge (int x)
    {
        age = x;
    }

```

```

    public String toString()
    {

```

```

        return "AGE OF SON = " + age + " IS ENTERED INCORRECTLY";
    }
}

```

```

class Father
{

```

```

    int a;
    father (int x)
    {

```

```

        a = x;
    }
}

```

```

class son extends father
{

```

```

    int age;
    son (int fage, int sage)
    {

```

```

        super (fage);
        age = sage;
    }

```

```

    void compute () throws WrongAge
    {

```

```

        if (age >= a)
        {

```

```

            throw new WrongAge (age);
        }
    }
}

```

```
    }  
    else  
    {  
        System.out.println("THE AGES ARE ENTERED CORRECTLY");  
        System.out.println("FATHERS AGE=" + a + "\t" + "SONS AGE=" +  
            b + "\t" + "DAUGHTERS AGE=" + c);  
    }  
}
```

class Exceptions Main

```
public static void main (String args[])
```

```
{  
    Scanner s = new Scanner (System.in);  
    System.out.println ("ENTER FATHERS AGE: ");
```

```
    int f = s.nextInt();
```

```
    System.out.println ("ENTER SONS AGE: ");
```

```
    int so = s.nextInt();
```

```
    son ss = new son (f, so);
```

```
    try {
```

```
        ss.compute ();
```

```
    } catch (WrongAge e)
```

```
{  
    System.out.println (e);
```

```
    }  
}
```