

```
import java.util.Scanner;

class WrongAge extends Exception {
    int age;
    WrongAge(int x) {
        age = x;
    }

    public String toString() {
        return "Age of son = " + age + " 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("Entered age is correct");
```

```
    System.out.println("Father age=" + a + "son's age=" + age);
```

```
}
```

```
}s
```

```
class ExceptionsMain {
```

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

```
        Scanner s = new Scanner(System.in);
```

```
        System.out.println("Enter father & son's age");
```

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

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

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

```
        try {
```

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

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

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

```
        }
```

```
    }
```

```
}
```