

```
import java.util.Scanner;

class WrongAge extends Exception {
    int age;

    WrongAge(int x) {
        age = x;
    }

    public String toString() {
        return "Age entered is incorrect";
    }
}

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 check() throws WrongAge {
    if (age >= a || age < 0 || a < 0) {
        throw new WrongAge(age);
    }
    else {
        System.out.println("Correct ages entered");
        System.out.println("Father's age:" + a + "\n" + "Son's age:" + age);
    }
}

class ExceptionsMain {
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter father's age:");
        int f = sc.nextInt();
        System.out.println("Enter son's age:");
        int s = sc.nextInt();
        son ss = new son(f, s);
        try {
```

```
    ss.check();  
    }  
    catch (WrongAge e) {  
        System.out.println(" "+e);  
    }  
    }  
    }
```

```
25-10-2020 10:09 <DIR> WEB DEVELOPMENT  
6 File(s) 204,646,373 bytes  
8 Dir(s) 401,133,101,056 bytes free
```

```
C:\Users\Ajith\Desktop>cd java program
```

```
C:\Users\Ajith\Desktop\java program>javac exceptions.java
```

```
C:\Users\Ajith\Desktop\java program>java exceptionsmain  
Error: Could not find or load main class exceptionsmain
```

```
C:\Users\Ajith\Desktop\java program>java ExceptionsMain  
a Enter father's age:  
22  
Enter son's age:  
1  
Correct ages entered  
Father's age:22  
Son's age:1
```

```
C:\Users\Ajith\Desktop\java program>java ExceptionsMain  
Enter father's age:  
52  
Enter son's age:  
20  
Correct ages entered  
Father's age:52  
Son's age:20
```

```
C:\Users\Ajith\Desktop\java program>
```