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Program -8 -Exception

```java
import java.util.Scanner;

class Main {
    public static void main (string args[]){
        Scanner in = new Scanner(System.in);
        System.out.print("Enter father's age: ");
        int fatherAge = in.nextInt();
        System.out.print("Enter son's age: ");
        int sonAge = in.nextInt();
        in.close();
```

```java
Son son;
    try {
        son = new Son (sonAge, FatherAge);
        System.out.println ("No errors");
    }
    catch (AgeLessThanZeroException exception) {
        System.out.println (exception.getMessage());
    }
    catch (SonOlderThanFatherException exception) {
        System.out.println ("exception.getMessage());
    }
    }
}

public class AgeLessThanZeroException extends
    Exception {
        AgeLessThanZeroException (String message) {
            Super (message);
        }
    }

public class SonOlderThanFatherException extends
    Exception {
        SonOlderThanFatherException (String message) {
            Super (message);
        }
    }
```

```java
public class Father {

    int age = 0;
    message = "Father's Age cannot be less
                than zero";
    Father(){}
    Father (int age) throws AgeLessThanZeroException
    {
        if (age < 0)
                throw new AgeLessThanZeroException (
                message);
                this.age = age;

    }

}
public class Son extends Father {
    String message1 = "son's age cannot be greater
    than father's age";
    String message2 = "Son's age cannot be
    less than zero";
    int age;
    Son (int sonAge, int FatherAge) throws
AgeLessThanZeroException, SonOlderThanFatherException
{
        super (fatherAge);
        if (sonAge < 0)
                throw new AgeLessThanZeroException (message2);
        if (sonAge >= fatherAge)
        throw new SonOlderThanFather Exception (message1);
        age = SonAge;

}
}
```