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import java.util.Scanner;
class Father {
    int fAge;
    Father(int x) {
        fAge = x;
    }
}

class Son extends Father {
    int sAge;
    Son(int x, int y) throws ArithmeticException {
        super(x);
        if (y < 0 || x < 0) {
            throw new ArithmeticException("Age can't be less than zero!");
        }
        if (x == y) {
            throw new ArithmeticException("Father & Son have the same age!");
        }
        if (y > x) {
            throw new ArithmeticException("Son can't be older than father!");
        }
        if (x - y < 20) {
            throw new ArithmeticException("Age difference is less than 20 years!");
        }
        sAge = y;
    }

    void display() {
        System.out.println("Son's and Father's ages are respectively: "
            + sAge + " and " + fAge);
    }
}

class ExceptionDemo {
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int x, y;
        x = sc.nextInt();
        y = sc.nextInt();
        Son s1 = new Son(x, y);
        s1.display();
    }
}

```