

Program 8 (Age Exception)

```
import java.util.Scanner;
class WrongAge extends Exception
{
    public WrongAge(String s)
    {
        super(s);
    }
}

class Father {
    int fatherAge;

    Father() {
        Scanner inp = new Scanner(System.in);
        System.out.print("Enter father's age : ");
        fatherAge = inp.nextInt();
    }
}

class Son extends Father {
    int sonAge;

    Son() {
        super();
        Scanner inp = new Scanner(System.in);
        try {
            if (fatherAge <= 0) {
                throw new WrongAge("Age can't be negative or 0");
            }
        }
    }
}
```

```
else {
    System.out.print("Enter son's age");
    sonA = inp.nextInt();
    try {
        if (sonAge >= fatherAge) {
            throw new WrongAge("Age of
            son can't be greater
            than father's age");
        }
        else {
            System.out.println
            ("Entered Ages are
            correct");
        }
    }
    catch (WrongAge e) {
        System.out.println(e);
    }
    catch (WrongAge e) {
        System.out.println(e);
    }
}

class ageExp {
    public static void main(String args[]) {
        Son s = new Son();
    }
}
```