

```

import java.util.Scanner;

class WrongAgeException extends Exception {
    public WrongAgeException(String message) {
        super(message);
    }
}

class SonAgeException extends Exception {
    public SonAgeException(String message) {
        super(message);
    }
}

class Father {
    private int age;
    public Father(int age) throws WrongAgeException {
        if (age < 0) throw new WrongAgeException("Wrong Age!!!");
        this.age = age;
    }
    public int getAge() { return age; }
}

class Son extends Father {
    private int sonAge;
    public Son(int fatherAge, int sonAge) throws WrongAgeException, SonAgeException {
        super(fatherAge);
        if (sonAge >= fatherAge) throw new SonAgeException("Son's age cannot be greater than or equal to father's!!!");
        this.sonAge = sonAge;
    }
    public int getSonAge() { return sonAge; }
}

public class Age {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        while (true) {
            System.out.print("Father's Age: ");
            int fatherAge = sc.nextInt();
            System.out.print("Son's Age: ");
            int sonAge = sc.nextInt();
            try {
                new Son(fatherAge, sonAge);
                System.out.println("Accepted Successfully");
            } catch (Exception e) {
                System.out.println(e.getMessage());
            }
            System.out.print("Re-enter details (Y/n)? ");
            if (sc.next().equalsIgnoreCase("n")) break;
        }
        sc.close();
    }
}

```

```
C:\Users\Admin\Desktop>java Age
```

```
Father's Age: 47
```

```
Son's Age: 20
```

```
Accepted Successfully
```

```
Re-enter details (Y/n)? y
```

```
Father's Age: 25
```

```
Son's Age: 30
```

```
Son's age cannot be greater than or equal to father's!!!
```

```
Re-enter details (Y/n)? y
```

```
Father's Age: -1
```

```
Son's Age: 20
```

```
Wrong Age!!!
```

```
Re-enter details (Y/n)? n
```

```
C:\Users\Admin\Desktop>AARUSH GARG 1BM23CS004
```