

// Larynogram-8

class Father extends Exception

```
{
    int f-age;
    Father(int a)
    {
        f-age = a;
    }
    public String toString()
    {
        return "wrong age";
    }
}
```

class Son extends Father

```
{
    int s-age;
    Son(int a, int b)
    {
        super(a);
        s-age = b;
    }
    public String toString()
    {
        return "wrong age";
    }
}
```

class exceptionmain

```
{
    static void check1(int a) throws Father
    {
        if (a > 0)
            throw new Father(a);
        System.out.println("father age is valid");
    }
    static void check2(int a, int b) throws Son
    {
        if (b >= a)
            throw new Son(a, b);
        System.out.println("age is valid");
    }
}
```

```

public static void main (String args[])
{
    int a1, a2, a3;
    try
    {
        check(a0);
    }
    catch (father e)
    {
        System.out.println("caught: " + e);
    }

    try
    {
        check(20, 30);
    }
    catch (Sone)
    {
        System.out.println("caught: " + e);
    }
}
}

```