

## Lab Program 8

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```
import java.util.Scanner;  
class LurongAge extends Exception
```

```
{  
    public LurongAge(String s)  
    {  
        super(s);  
    }  
}
```

```
class Father {
```

```
    int fatherAge;
```

```
    Scanner in = new Scanner(System.in);
```

```
    Father() {
```

```
        System.out.printtm("Enter father's age : ");
```

```
        fatherAge = in.nextInt();
```

```
    }
```

```
}
```

```
class Son extends Father {
```

```
    int sonAge;
```

```
    Son() {
```

```
        super();
```

```
    try {
```

```
        if (fatherAge <= 0) {
```

```
            throw new LurongAge("Age cannot be less than or equal to zero");
```

```
        }
```



else {

System.out.println("Enter son's age: ");

SonAge = in.nextInt();

try {

if (SonAge >= fatherAge) {

throw new RuntimeException("Age of son cannot be greater than or equal to age of father");

}

else {

System.out.println("Entered ages are correct");

}

}

catch (RuntimeException e) {

System.out.println(e);

}

}

}

catch (RuntimeException e) {

System.out.println(e);

}

}

}

class ageException {

public static void main(String[] args) {

Son s = new Son();

}

}