

Lab Program - 8:

```
class ageException extends Exception {  
    int details;  
  
    ageException(int age) {  
        this.details = age;  
    }  
  
    void toString() {  
        return "wrong age (" + this.details + ")";  
    }  
}
```

```
class Father {  
    int age;  
  
    Father(int age) throws ageException {  
        this.age = age;  
        if (this.age <= 0) {  
            throw new ageException(age);  
        }  
    }  
  
    void display() {  
        System.out.println("Father's age : " + this.age);  
    }  
}
```

```
class Son extends Father {  
    int age;  
    Father f;  
  
    Son(int age, Father f) ext throws ageException {  
        super(age);  
    }  
}
```



```
if (this.age >= f.age) {
```

```
    throw new ageException(this.age);
```

```
}
```

```
}
```

```
void display() {
```

```
    f.display();
```

```
    System.out.println("Son's age " + this.age);
```

```
}
```

```
}
```

```
public class Main {
```

```
    public static void main(String[] args) {
```

```
        try {
```

```
            Father f = new Father(32);
```

```
            Son s = new Son(12, f);
```

```
            s.display();
```

```
        } catch (Exception e) {
```

```
            System.out.println(e);
```

```
        }
```

```
    }
```

```
}
```