

LAB PROGRAM - 8

Medha

```
import java.util.Scanner;
```

```
class AgeException extends Exception {  
    private String detail;  
    AgeException(String s) {  
        detail = s;  
    }  
    public String toString() {  
        return "Age Exception: " + detail;  
    }  
}
```

```
class Father {  
    int f-age;  
    Father(int age) throws AgeException {  
        if (age < 0) {  
            f-age = 35;  
            throw new AgeException("Wrong Age");  
        }  
        f-age = age;  
    }  
}
```

```
class Son extends Father {  
    int s-age;  
    Son(int a1, int a2) throws AgeException {  
        super(a2);  
        if (a1 <= a2) {  
            f-age = 35;  
            s-age = 30;  
            throw new AgeException("Wrong Age");  
        }  
        s-age = a2;  
    }  
}
```

```
class ExceptionDriver {  
    public static void main(String[] args) {  
        try {  
            Father f = new Father(45);  
            Son s = new Son(2, 33);  
        } catch (AgeException ae) {  
            System.out.println(ae);  
        }  
    }  
}
```