

Lab Program - 8

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

```
class WrongAge extends Exception  
{
```

```
    public WrongAge(String s)  
    {
```

```
        super(s);  
    }
```

```
class Father
```

```
{
```

```
    int fatherAge;
```

```
    Father(int fAge, int sAge) throws WrongAge  
    {
```

```
        if (fAge <= sAge)  
        {
```

```
            throw new WrongAge("Father's Age is equal to or less  
            than son's Age");
```

```
        }
```

```
    else
```

```
    {
```

```
        this.fatherAge = fAge;
```

```
    }
```

```
 }
```

```
}
```

class Son extends Father

{

int sonAge;

Son (int fAge, int sAge) throws WrongAge {

{

super (fAge, sAge);

this.sonAge = sAge;

}

void print()

{

System.out.println("Father's Age: " + fatherAge + " In Son's age: " + sonAge);

}

}

public class Appprog8

{

public static void main (String[] args)

{

int fAge, sAge;

Scanner sc = new Scanner (System.in);

System.out.println("Enter Father's Age");

fAge = sc.nextInt();

System.out.println("Enter Son's Age");

sAge = sc.nextInt();

```
try
{
    Son son = new Son (tAge, sAge);
    son.print();
}
catch (WrongAge ex)
{
    System.out.println ("Exception " + ex);
}
}
}
```