

Lab - Program - 8

```
import java.util.Scanner;  
class WrongAge extends Exception  
{  
    Public String toString()  
{  
    return "Wrong Age Exception";  
}  
}  
  
class Father  
{  
    int age1;  
    Father(int a) throws WrongAge  
{  
        Scanner ss = new Scanner(System.in);  
        System.out.println("Enter the Age of the  
                                Father: \n");  
        age1 = ss.nextInt();  
        if (age1 <= 0 || age1 >= 110 || age1 <= 0)  
        {  
            throw new WrongAge();  
        }  
    }  
}
```



```
class son extends Father
```

```
{
```

```
int age;
```

```
Father (int a) throws WrongAge
```

```
{
```

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

```
System.out.println ("Enter the Age of the  
Father : \n");
```

```
age = ss.nextInt();
```

```
if (age <= 0 || age >= 120 || a <= 0)
```

```
{
```

```
throw new WrongAge();
```

```
}
```

```
}
```

```
}
```

```
class son extends Father
```

```
{
```

```
int age;
```

```
son (int a) throws WrongAge
```

```
{
```

```
super(a);
```

```
age = a;
```

```
}
```

```
}
```



```
class Exception_age
```

```
{
```

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

```
{
```

```
TwoGen<Integer, String> obj = new TwoGen
```

```
    system.out.println("Enter the Age of the son:
```

```
try
```

```
{
```

```
    son s = new son (new Scanner (system.in).  
nextInt());
```

```
}
```

```
catch (wrongAge A)
```

```
{
```

```
    system.out.println(A);
```

```
}
```

```
}
```

```
}
```