LAB 8

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1BM19CS046

```
{ sage = age;
Sname = name;
Fage = fage;
System.out.println("Son Name: " + Sname);
System.out.println("Son age : " + age);
System.out.println("Father age : " + Fage);
if (Sage < 0 || Fage < 0)
throw new AgeException2(age, Fage);
if (age > Fage)
throw new AgeException2(age, Fage);
if (age >= Fage)
throw new AgeException1(age, Fage);
} }
class AgeExceptionDemo
{
public static void main(String args[])
{
int Sa, fa; String name;
Scanner get = new Scanner(System.in);
System.out.print("Enter Son name: ");
name = get.next();
System.out.println("Enter father age");
fa = get.nextInt();
try
{
Son s = new Son(name, Sa, fa); }
catch(AgeException1 k)
{ System.out.println("caught" + k); } }
```

catch (Age Exception e e)
{ System.out.println("caught" + e); }
}}

PROGRAM

import java.util.Scanner
class Age Exception1 extends Exception
{
private int sa, fa;
Age Exception 1(int a; int b)
{
sa = a;
fa = b;
Public String to string()
{
return "age. Exception. Inappropriate_age"; }
class Age Exception2 extends Exception
{
private int sa, fa.
Age exception 2(int a, int b)
{
sa = a
fa = b
public string to string()
{
return "age. Exception. Age (<0)"; }
}

```
class father
{
int fage ;}

class son extends father
{
  int sage ;
  String sname ;
son(String name, int age . int page ) throws
  Age Exception1, Age Exception2
```