**Father&Son**

import java.util.Scanner;

class fatherAgeException extends Exception

{

public String toString()

{

return("Father's age is less than 0");

}

}

class sonAgeException extends Exception

{

int a;

sonAgeException(int age)

{

a=age;

}

public String toString()

{

if(a<0)

return ("Son's age is less than 0");

else

return ("Son's age is more than Father's age");

}

}

class Father

{

int age;

Scanner in=new Scanner(System.in);

Father()

{

System.out.println("Enter the father's age:");

age=in.nextInt();

}

void ex1() throws fatherAgeException{

if(age<0)

throw new fatherAgeException();

}

}

class Son extends Father{

int age;

Son()

{

System.out.print("Enter the son's age:");

age=in.nextInt();

}

void ex2() throws sonAgeException{

if(age<0||age>super.age)

{

throw new sonAgeException(age);

}

}

}

class Except

{

public static void main(String[]args)

{

Son s=new Son();

try

{

s.ex1();

}

catch(fatherAgeException e)

{

System.out.println(e);

}

Try

{

s.ex2();

}

catch(sonAgeException e)

{

System.out.println(e);

}

}

}

