import java.util.\*;

class wrongAge extends Exception

{

public wrongAge(String str){

super(str);

}

}

class father

{

Scanner s=new Scanner(System.in);

int fatherAge;

father()

{

try

{

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

fatherAge=s.nextInt();

if(fatherAge<0) throw new wrongAge("Age cannot be negative");

}

catch(wrongAge e){System.out.println(e);}

}

void display()

{

System.out.println("father's age is "+fatherAge);

}

}

class son extends father

{

Scanner s=new Scanner(System.in);

int sonAge;

son()

{

super();

try

{

System.out.println("enter the son's age");

sonAge=s.nextInt();

if(sonAge<0) throw new wrongAge("Age cannot be negative");

if(fatherAge<sonAge)

throw new wrongAge("father's age cannot be less than son's age");

}

catch(wrongAge e){System.out.println(e);}

}

void display()

{

System.out.println("son's age is "+sonAge);

}

}

class Program

{

public static void main(String args[])

{

son so=new son();

System.out.println("Name: Kunal Rasal");

System.out.println("USN: 1BM23CS161");

}

}

