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ExceptionDemo - Notepad
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import java.lang.*;
import java.util.*;
class Age extends Exception{
    Age(){
        System.out.println("Age cannot be negative");
    }
    Age(int f,int s){
        System.out.println("Son's age cannot be greater than or equal to Fathers age");
    }
}
class Father {
    public int f;
    void getf()throws Age{
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter Father's age");
        f=sc.nextInt();
        if(f<0){
            throw new Age();
        }
    }
}
class Son extends Father{
    public int s;
    void getf()throws Age{
        super.getf();
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter Son's age");
        s=sc.nextInt();
        if(s>=f){
            throw new Age(f,s);
        }
    }
}
class ExceptionDemo{
    public static void main(String args[]){
        // Create Father object
    }
}

```

```
//Father r=new Father();
Son t=new Son();
try{
    //r.getf();
    t.getf();
    System.out.println("Fathers Age :"+t.f+"\nSon's Age :"+t.s)
}
catch(Exception e){
    System.out.println("Enter valid age");
}
}
```

```
C:\Users\Lenovo\Desktop\ja>javac ExceptionDemo.java

C:\Users\Lenovo\Desktop\ja>java ExceptionDemo
Enter Father's age
20
Enter Son's age
21
Son's age cannot be greater than or equal to Fathers age
Enter valid age

C:\Users\Lenovo\Desktop\ja>java ExceptionDemo
Enter Father's age
-10
Age cannot be negative
Enter valid age
```