Exception Handling (18CS158)

```
import java.util.*;
Class WrongAge extends Exception {
    int f, s;
    WrongAge (int fage, int sage) {
        f = fage;
        S = sage;
    }
    public String toString() {
    return {"Please enter the correct ages as father's age
     can't be less than or equal to the son's age.";
}
}

class NegativeAge extends Exception{
    int x;
    NegativeAge (int fage) {
        x = fage;
    }
public String toString() {
return "Age can't be negative value.";
}}

class Father
{
    int fage;
Scanner in=new ....
    Father() throws NegativeAge
{
    S.o.pln ("Enter father's age:");
    fage = In.nextInt();
    if (fage <0)
    {
        throw new NegativeAge(fage);
    }}}
```

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(1BM19CS158)

```
Class Son extends Father
{
  int sage;
  Scanner in = ....

Son() throws NegativeAge, WrongAge {
   super();
   S.o.pln(" Enter son's age :");
   sage = in.....
   if (sage < 0)
   {
   throw new NegativeAge(sage);
   }
    if (sage <= fage) {
    throw new WrongAge (fage, sage);
    }
    } }

class AgeDisplay {
public static ....
   try {
   Son s = new Son();
   }
   Catch (NegativeAge n)
   {
   S.o.pLn (" Exception :"+ n);
   }
   catch ( WrongAge w)
   {
   S.o.pln ( " Exception: "+(w);
   }
   } }.
```

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