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Expt. No. 15   Alok Kumar Rastogi   Page No. 44
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Q Write a program that demonstrate handling of exceptions in inheritence tree. Create a base class "Father" and derived class called "Son" which extends the base class. In Father class, implement a constructor which takes the age and throws the exception WrongAge() when The input age <0. In Son class, implement a constructor That cases both father and Son's age is >= father's age.

→
```
import java.util.*;
Class WrongAge extends Exception
{
     Public String toString()
     {
         return " Please, enter the Correct age !!,";
     }
}

Class Father
{
     Int age;
     Father ( int age1);
     System.out.println(" Father's age :: " + age);
     }
}

Class Son Extends Father
{
     Son (Int age1)
     {
         Super (age 1);
         System.out.println("Son's age ::" + age);
```

```
            }
        }

    Public class AgeSet
        {
        Public static void main (String asgs[]) throws wrong Age
            {
                Int i = asgs.length
                intj = Integer.passelnt (asgs [0] );
                int k = Integer.passelnt (asgs[1]);
                if (j<=0 || j<=k)
                    {
                        throw new WrongAge();
                    }
                else
                    {
                        Father f = new Father();
                        Son s = new Son (k);
                    }
            }
        }
```