

week 10

AgeMain.java

```
import java.util;  
class WrongAge extends Exception  
{  
    int F, s;  
    WrongAge (int father age, int sonage)  
{  
        F = father age  
        S = sonage;  
    }  
}  
  
class Father  
{  
    int father age;  
    int sonage;  
    Father (int f, int s) throws Wrong age  
{  
        if (f == s)  
            throw new WrongAge (father age, sonage);  
        else  
{  
            throw new Wrong Age (father age, sonage);
```

classmate

else

{

this.fatherage = f;

this.sonage = s;

}

}

}

class Son Extends Father

{

Son (int f, int s) throws Wrong Age

{

super (f, s);

if (s >= f)

throw new Wrong Age (father age, sonage);

System.out.println ("Valid age");

}

void display()

{

System.out.println ("Father's Age : " + Fatherage);

System.out.println ("Son's Age : " + Sonage);

}

}

class Age Main

{

public static void main (String[] args)

```

{
    int f, s;
    Scanner S = new Scanner (System.in);
    System.out.println ("Enter father's age),
    f = S.nextInt ();
    System.out.println ("Enter Son's Age: ");
    s = S.nextInt ();
    try
    {
        Son S1 = new Son (f, s);
        S1.display ();
    }
    catch (Wrong Age e)
    {
        System.out.println ("Exception "+ e);
    }
}
}
}

```