

Week 10

Exceptions. java

```
import java.util.*;

class Wrongage extends Exception
{
    int F, S;

    Wrongage (int fatherage, int sonage)
    {
        F = Fatherage;
        S = Sonage;
    }
}

class father
{
    int fatherage;
    int sonage;

    Father (int f, int s) throws wrongage
    {
        if (f == s)
            throw new Wrongage (fatherage, sonage);
        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 (fatherage, sonage);
            System.out.println("Valid age");
        }
        void display()
        {
            System.out.println("Father's age" + Fatherage);
            System.out.println("Son's Age": + sonage);
        }
    }
    class AgeMain
    {
        public static void main (String [] args)
        {
            int f, s;
            Scanner S = new Scanner (System.in);

```

```
System.out.println("Enter Father's Age: ");
```

```
f = S.next Int();
```

```
S = S.next Int();
```

```
try
```

```
{
```

```
    Son s1 = new Son (f,s);
```

```
    s1.display();
```

```
}
```

```
catch (Wrong Age)
```

```
{
```

```
    System.out.println("Exception " + e);
```

```
}
```

```
}
```

```
}
```