

24/11/2020.

LAB 8

①. FATHER AND SON AGE EXCEPTION HANDLING?

```
import java.util.Scanner;
class Wrongage extends Exception {
    int temp;
    Wrongage(int a) {
        temp = a;
    }
    public String toString() {
        return "WRONG AGE: " + temp + " ";
    }
}

class Sonage extends Exception {
    int tem;
    Sonage(int c) {
        tem = c;
    }
    public String toString() {
        return "SONAGE is great i.e " + tem + " ";
    }
}
```

//_

```
class father {  
    father () {  
    }
```

```
    void fatherage (int a) throws Wrongage {  
        if (a <= 0)  
            throw new Wrongage(a);  
        System.out.println ("Age is not less than  
                                or equal to zero");  
    }  
}
```

```
class son extends father {  
    void sonage (int a, int c) throws sonage {  
        if (c >= a)  
            throw new sonage(c);  
        System.out.println ("Father's age is greater");  
    }  
}
```

```
class ageexceptionMain {  
    public static void main (String ss[]) {  
        Scanner sc = new Scanner (System.in);  
        father f1 = new father ();  
        System.out.print ("Enter father age :");  
        int m = sc.nextInt();  
        System.out.print ("Enter son age :");  
        int n = sc.nextInt();  
        try {  
            f1.fatherage(m);  
        } catch (Wrongage e) {  
            System.out.println ("age is either 0 or less");  
            son s1 = new son();  
            try {
```

```
s1.sonage(m,n);  
} catch (sonage e) {  
    System.out.println(" please correct given i/p")  
}  
}  
}
```